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Northeast Region wins again



GAZING AT THE PRIZE -- Many cadets got an up-close look at the Chief of Staff Sweepstakes Trophies and other awards prior to 1989's National Cadet Competition awards banquet. Shown gazing at the many awards are, from left, New Jersey Wing Cadets Bernard Lynch, Christopher Montana, Liza Gonzalo, Harry Magazu, Steven Drollinger and Joseph Szuch.

By Air Force SSgt.
Dan Sherwood
editor,
Civil Air Patrol News

MAXWELL AFB, Ala. -- Sixteen cadets from New Jersey Wing, representing Civil Air Patrol's Northeast Region, took the U.S. Air Force Chief of Staff Sweepstakes Trophy winning 1989's National Cadet competition here Dec. 28 and 29. This marks a record sixth competition win for Northeast Region.

The competition, conducted here annually between Christmas and New Year's, challenges cadets to work together as teams toward a common goal. The 16-member teams from Civil Air Patrol's eight regions are scored and judged in three phases: Drill, Athletics and Knowledge.

The competition began early Dec. 28, with the Drill Competition. Teams competed in three categories: In-Ranks Inspection, Innovative Drill and Standard Drill.

Prior to marching onto the competition floor, all eight teams went through last-minute preparations. Each member of each team individually inspected each other for any possible uniform violations. Some teams brought in brand-new, sparkling shined shoes just for the In-Ranks Inspection. Team members cut minute strands of thread from each other's uniforms and brushed away any lint they could find from their teammate's uniforms. Then the competition began.

Judges for the Drill Competition came from Air University's USAF Senior NCO Academy, Gunter AFB, Ala. The four judges were, SMSgt. John T. Connell, SMSgt. David E. Stever, MSgt. Gary S. Benefield and MSgt. Bradley F. Holmes.

Every member of each team, according to these judges, was so near to perfect that judging was very close. However, Pacific Region came out on top, winning the First Place Award for In-Ranks Inspection followed by a tie for second place between the teams from Southwest and Northeast Regions.

Innovative Drill followed the inspection portion and all eight teams cut loose to show off for the judges, spectators and their

fellow competitors.

Routines varied and included several unique aspects. Teams sang songs for cadence, narrated their presentations and even introduced each member of the team as part of the performance for one group of competitors.

During Rocky Mountain Region, Utah Wing's presentation, one very interesting maneuver caught the direct attention of one of the judges. The team captain, Jared Luther, marched his flight directly toward the judge and stopped the group about three paces in front of him stomping their feet and yelling, "Huhh!", in unison. Cadet Luther explained to the judge, "The cadets have just demonstrated the element of tactical surprise. The ability of cadets to scare the living daylights out of senior members." The maneuver drew a large round of applause.

Again competition was keen; yet Northeast Region earned the First Place Award for Innovative Drill, followed by Middle East Region placing a very close second.

Standard Drill rounded out the Drill Competition Phase with Northeast Region earning another First Place Award, this time very closely trailed by Pacific Region's Second Place showing.

"In drill, teamwork and discipline are the cornerstones for excellence. All eight teams demonstrated both," said Air Force Lt. Col. Martin A. Nickerson, director cadet program, National Headquarters Civil Air Patrol. "The hard work these teams put in practicing for this competition was proven in their outstanding precision and dynamic presentation."

Determining who the winners were in this first phase of the National Cadet Competition was not an easy task, according to Civil Air Patrol's National Commander, Maj. Gen. E.E. Harwell, who toward the close of the competition remarked, "From my point of view the inspectors have the most difficult job in the competition, because from where I was watching, all teams were flawless."

The knowledge portion of 1989's National Cadet Competition took up the second half of the first day's events.

(Continued on Page 2)

Headquarters on the move

MAXWELL AFB, Ala. -- National Headquarters Civil Air Patrol is on the move. Due to renovations of the headquarters building, all National Headquarters offices will be moving to Gunter AFB, Ala., in Northeast Montgomery, on or about Feb. 20.

This move has necessitated changing several telephone numbers for headquarters directorates. The following list provides major directorates and the telephone extensions where they can be reached.

Commercial prefix: (205) 279
AUTOVON prefix: 446

OFFICE	NUMBER
Commander CAP/USAF,	
Executive Director CAP	5265
Vice Commander CAP/USAF	5267
Executive Officer	4071
National Administrator	5278
Corporate Legal Counsel	
Deputy Director Information	
Management/First Sergeant	4071
Administrative Communications	4071
HQ Squadron Section	
Commander	4071
FAX No.	4080
Reserve Advisor to	
Commander CAP/USAF	5274
Director, Chaplain Services	5276
Director, Plans and Programs	5281
Staff Judge Advocate	5283
Director of Public Affairs	4033/4074
Deputy Chief of Staff Operations	5251

Director, Current Operations	5251
Director, Emergency Services	5251
Director, Communications	
Electronics	5251
Director of Logistics	5256
Chief, Supply Division	5256
Deputy Chief of Staff,	
Personnel	4036
Director, CAP Personnel	4061
Deputy Chief of Staff,	
Training	4029/4021
Director, Cadet Programs	4029/4021
Director, Senior Program	4029/4021
Deputy Chief of Staff,	
Aerospace Education	5271/4081
Deputy Chief of Staff,	
Comptroller	4013
Director of Safety	4048
Inspector General	4025
Data Processing Directorate	5250
Bulletin Board	4064
Main Frame	4066
Civil Air Patrol Membership	5395

1989 National Cadet Competition

Northeast wins again

(Continued from Page 1)

Part one was the Written Examination. In this portion, all members of all eight teams gathered to take a written test covering several topics including; Civil Air Patrol history, aerospace knowledge and current events.

Cadet Joseph Szuch, New Jersey Wing, representing Northeast Region, singularly out-shined all other competitors in this portion of the competition, earning a perfect score of 100 percent to win the highly coveted Written Examination High Score Award.

In team competition, Northeast Region earned First Place in the Written Examination, followed, again very closely, by the Pacific Region team.

Part two of the Education phase was Panel Quiz Competition. In this event teams responded verbally to questions about aviation history and other general aviation topics. Competition in this event was extremely close and it showed in the faces of competitors. Also, the depth of knowledge that cadets displayed was very impressive and drew large amounts of applause from gathered audiences.

In the end, Northeast Region came away with another win, taking First Place Panel Quiz Competition Award, this time followed by the team from Great Lakes Region.

Teams then went to get a good night's sleep, if they could, for the next day's competition...Athletics.

The morning of Dec. 29, may have been a rainy one outside, but inside the base gym here, eight teams were heating up for the volleyball portion of 1989's National

Cadet Competition.

In the three opening games, Rocky Mountain Region met the team from Northeast Region, Southwest Region took on Middle East Region and Pacific Region went against the team from North Central Region.

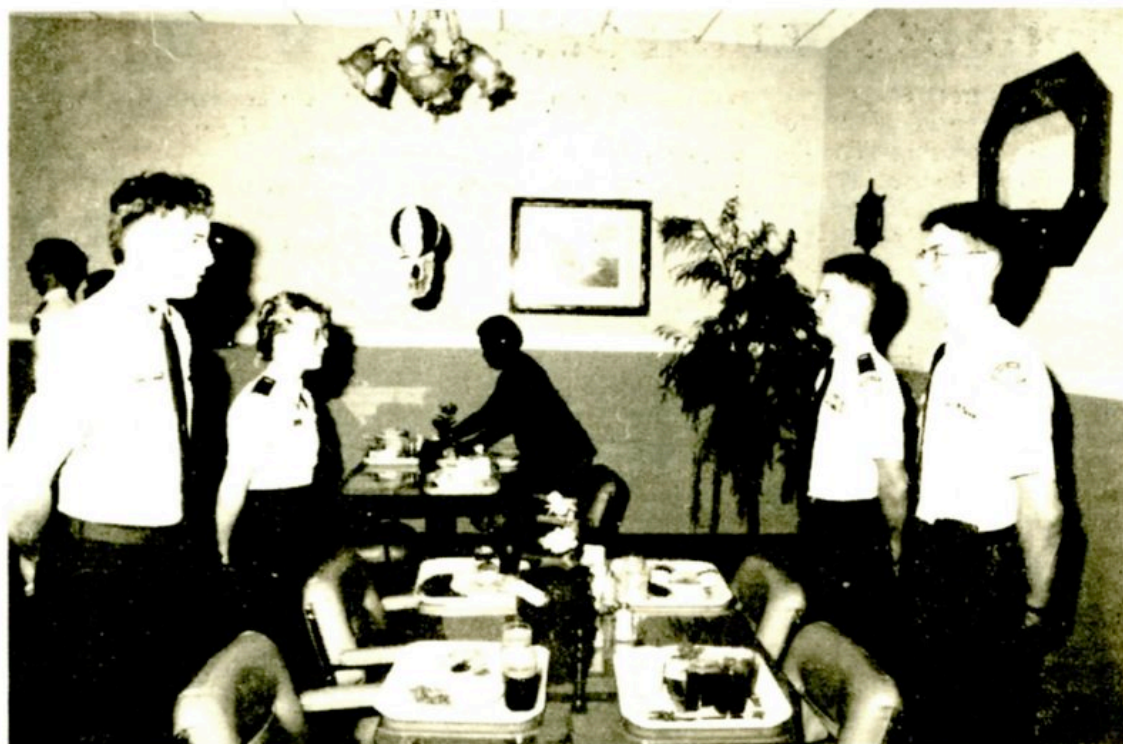
At close of these first three games, Pacific Region bested North Central Region; Rocky Mountain lost to Northeast Region; and Middle East Region outscored Southwest Region for the win.

Competition that morning was intense. In one of the closest match-ups of the day, the contest between rival teams from New Jersey and Delaware Wings, representing Northeast and Middle East Regions respectively, was extremely heated. The game proved to be a great test of team effort with highly notable leadership being displayed by Middle East Region's Team Captain, Jerry McKinney. Middle East Region finally edged out Northeast Region's team by a score of 15 to 12.

In the end, Pacific Region earned First Place Award in Volleyball Competition, going undefeated throughout the tournament with a valiant Middle East Region team coming in a close second place, having lost only one game.

Final event in 1989's National Cadet Competition was a Mile Run. Teams and their supporters gathered outside the base gym and team spirit as well as the spirit of sportsmanship were displayed as supporters and team members shouted encouragement and support not only for their teams but for all the members of each competing team.

The first heat saw Florida



RIGID STANDARDIZATION -- Nebraska Wing Cadets representing North Central Region went all out this year in the National Cadet Competition. Here Cadets from left, Jay Jirsak, Stacy Fairbanks, Jon Garrison and Andy Nelson stand at parade-rest until their team leader gives the command to be seated for lunch.

Wing, from Southeast Region, take off opening the Mile Run Competition.

In the second heat, Pacific Region's Nick Roscha finished with a time of 4:31 setting a new NCC record.

North Central Region ran third and Cadet Jason Carta finished first with a time of 4:49. Cadet Mark White, Southwest Region, finished at 5:18. Rocky Mountain Region's Cadet Steve Browne finished in five minutes flat. Middle East Region's Jerry McKinney finished in 5:09. George Joseph Kopser Jr., Great Lakes Region, finished in five minutes flat in the seventh heat and Northeast Region's Cadet Pete Carrabba tied the old record with a finishing time of 4:32 in the eighth and final heat.

For finishing the Mile Run with the best time on record for National Cadet Competition, 4:31, Cadet Nick Roscha, from Pacific Region's California Wing earned the 1989 Fleet Foot Award (male).

Best female cadet finisher was Northeast Region's Vicki Szuch, who ran the mile in six minutes flat earning the 1989 Fleet Foot Award (female).

First Place Award Mile Run Competition went to Pacific Region with Northeast Region following very closely for Second Place Award Mile Run Competition.

All phases of Civil Air Patrol's 1989 National Cadet Competition were now over except one...determining the winners.

No one envied the task now facing judges headed up by U.S. Air Force Reserve, Lt. Col. Jim Wade, of Tennessee, and his counterparts.

"No competition in the past

13 years has been this close," said Colonel Wade. "It literally came down to the last event and the determining factor was a half a point. In all competitions I have seen, none has never been as tight as this."

The scene at Maxwell's Officer's Club as cadets, supporters, judges, and Civil Air Patrol and Air Force dignitaries gathered for the 1989 National Cadet Competition Awards Banquet, was one of extreme anticipation. Excitement of all competitors was evident even though it was held in check through their outstanding display of military bearing as teams marched to their tables and seated themselves in military fashion.

Air Force Lt. Col. Martin A. Nickerson, director, cadet program, National Headquarters Civil Air Patrol, opened the Awards Banquet by welcoming competitors, fans and dignitaries alike. He then introduced Chaplain (Capt.) Ron Hamm, Texas Wing, who gave the invocation thanking God for this country's "outstanding youth" and especially the "cadets of Civil Air Patrol."

Civil Air Patrol's National Commander, Maj. Gen. E.E. Harwell, presented the assembly with a short speech prior to awards being presented. He said, "This is my 15th time being present for National Cadet Competition and it is indeed a pleasure. If there is one word that could describe participants in this event it would have to be 'perseverance.' Those who are here for the first time have shown their perseverance by giving their all throughout the competition and there are a great

many others who show their perseverance by returning to compete time and time again. It is most gratifying to see such outstanding spirit in these fine cadets.

"I have had teams here before as commander of a wing and as commander of my own region. But the best part of being here, as your national commander, is that now no matter which team wins I will have the winning team. Not just the winning team but all winning teams because each team here is a winner!"

As awards were announced and team captains went forward to receive them, shouts of congratulations and a great deal of applause rocked the Officer's Club Ballroom.

The crowd came to its feet when Colonel Nickerson announced the winner of the National Cadet Competition Special Team Award, Rocky Mountain Region's Utah Wing. This award goes to the team whose overall bearing, appearance and attitude are judged best throughout the competitions.

The assembly again came to its feet in roaring applause for Kentucky Wing's Cadet Barry Dowell, representing Great Lakes Region, who was named as winner of the 1989 National Cadet Competition Outstanding Cadet Award. Cadet Dowell was selected as the cadet whose leadership qualities, appearance, attitude and demonstrated performance exemplified the spirit of the competition.

A tense hush came over the crowd as Colonel Nickerson began preparations to announce the top three winners of overall competition.

(Continued on Page 3)

NCC Roll of Champions

- 1989 - Northeast Region
- 1988 - Northeast Region
- 1987 -- Pacific Region
- 1986 -- Pacific Region
- 1985 -- Northeast Region
- 1984 -- Northeast Region
- 1983 -- Great Lakes Region
- 1982 -- Northeast Region
- 1981 -- Pacific Region
- 1980 -- Northeast Region
- 1979 -- Middle East Region
- 1978 -- Middle East Region

1989 National Cadet Competition

Northeast wins again . . .

(Continued from Page 2)

Winning the USAF Chief of Staff Sweepstakes Trophy, Third Place Award ... Great Lakes Region.

Winning the USAF Chief of Staff Sweepstakes Trophy, Second Place Award ... Pacific Region.

Winning the USAF Chief of Staff Sweepstakes Trophy, First Place Award for an unprecedented sixth time ... Civil Air Patrol's Northeast Region.

The winning team from Northeast Region, according to Team Captain, Darin Ford, is made up of cadets from 12 units from New Jersey Wing.

"I'm excited! No. In shock," said Cadet Ford after the an-

nouncement that his team had won first place. "I've been working just to get here for four years. This year we beat the perennial strong teams from New York at regional competition, Bronx and Manhattan, and we made it to the nationals.

"I knew we were doing pretty well in the competition up until volleyball portion," said Cadet Ford. "Competition from everyone was so stiff that after volleyball we got really worried. But right now I'm just happy that I was part of a great team that put together a super combined effort. Hopefully I'll see all my teammates back here next year. But if I

do, I'll be competing against them, as I am moving to Tennessee.

"I just can't say enough about this team to describe it other than to say we have become like a family. I think that is what gave us the edge in the end. Being a family."

Virtually everyone who either took part in or witnessed this year's competition said it was the best yet. General Harwell said it this way: "In respect to this competition and the quality of cadets involved, the bottom has been raised so high that this year there was absolutely no way one team could have run away with the win. The competitiveness of

all these cadets is outstanding. Judges definitely had a very rough time and ultimately the deciding factor was only one half a point.

"I won't be national commander for next year's competition. But you can bet I'll be here. I can't wait."



GOOD ADVICE -- Texas Wing Cadet Paul Lambet, left, listens intently to Texas Wing Chaplain (Capt.) Ron Hamm's advice during lunch the first day of competition. Next to Chaplain Hamm is Cadet Scott Douglas, also a member of Southwest Region's Texas Wing.

EDITOR'S NOTE:

Coverage of 1989's National Cadet Competition continues on pages 8 through 16. All photos printed in *Civil Air Patrol News* about the competition are by Air Force SSgt. George Wendt.



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Ready for 1990s -- Let's do it!

By Col. Clyde O. Westbrook, Jr.
executive director
Civil Air Patrol

MAXWELL AFB, Ala. -- Individual freedoms are breaking out around the globe. Technology is expanding at a mind-boggling pace. Although we can't anticipate results of democratic initiatives or technology advances, we do know people with an objective will make them happen. We also know that volunteers in Civil Air Patrol are ready for the 1990's.

Requirements for Civil Air Patrol response came in different forms in 1989 including the Exxon-Valdez Oil Spill, two major hurricanes, volcanic eruptions, aircraft crashes and California's earthquake. At the same time, Civil Air Patrol expanded its U.S. Customs Service, Drug Enforcement Administration and U.S. For-

est Service antidrug efforts. Nonetheless, Civil Air Patrol still recorded a record number of search hours, 20,000, while saving 65 lives. The fitting end to the decade was a challenging National Cadet Competition won by Civil Air Patrol's Northeast Region.

It was once stated by H. Stern that, "If you are hunting rabbits in tiger country, you must still keep your eye peeled for tigers; but, if you are hunting tigers, you can ignore the rabbits."

Civil Air Patrol often has to hunt in "tiger country" and must be prepared for "tigers" - those big challenges that pounce quickly and ruin your day because you are not ready. Increased liability costs, air and ground safety concerns,

emergency and disaster response preparedness, our cadet protection program and the need for thorough training in all areas are just a few of the "tigers" with which Civil Air Patrol contends.

Civil Air Patrol, when not in tiger country, has to keep track of "rabbits" -- those little items which can rapidly multiply into major problems, if unattended daily. Three of these "rabbits" -- attitude, image and uniform wear are all part of public perception of any organization. Civil Air Patrol members made great strides in these areas in the 1980s.

For our cadets; 1989's "tiger" was the Chief of Staff Sweepstakes Trophy. But, to get to the tiger they had to pass through rabbit country.

They all hunted the "tiger," but didn't ignore the "rabbits," along the way.

Team members had very positive attitudes, presented sharp images and had inspection-ready uniforms. Their teamwork, competitive spirit and camaraderie were outstanding! Their enthusiasm everywhere in everything they did gave spectators happy chills and a sense of well-deserved pride in America's youth to many.

These same cadets had pride in what they were doing and never gave up. They kept their focus on their objective and were not distracted by the unimportant. Overall competition was closer than it has ever been; with the winning edge being just one half a point. They all hunted the "tiger," but didn't ignore the "rabbits," along the way.

We can all learn from the example set by our cadets as we face tigers in this next decade. We must not be distracted by incidentals. We



Colonel Westbrook

must keep our focus on what Civil Air Patrol is all about; educating the populous on the benefits of aerospace, encouraging America's youth toward aviation and using civil aviation as a basis for voluntary humanitarian service.

Let's do it!

Mobile ELT causes problem easily solved

EDITOR'S NOTE: The following article appeared in the Sept. 1989 edition of "Wyoming Aviation News." It is being printed in *Civil Air Patrol News* with permission from the Wyoming Aeronautics Commission.

CHEYENNE, Wyo. -- In early 1989 Wyoming Aeronautics Commission was contacted by United States Air Force Air Rescue Center regarding satellite contact of an Emergency Locator Transmitter going off somewhere west of Cheyenne. There had also been

reports of an ELT by aircraft flying between Laramie and Cheyenne.

Since all reports of ELTs are taken seriously; Laramie County search and rescue units and Wyoming Wing Civil Air Patrol ground search units were sent out in a snow storm to try and get a fix on the signal location.

Several people risked their lives searching in hazardous weather for a possible downed aircraft, but no further signal was picked up. Since there were no known lost aircraft at the time, search efforts were

called off and fortunately, all search volunteers made it home safely.

Several hours later the satellite picked up ELT signals in the vicinity of Rock Springs. These signals were also heard by the Rock Springs FSS for a short time. Members of Sweeney County Search and Rescue were sent out to try and locate the source. It was picked up by Rock Springs' airport manager in downtown Rock Springs, but later lost.

Later, signals were picked up by satellite near Granger, Wyo., then subsequently near

Smoot and finally Afton, Wyo. By this time the phantom signals were suspected to be an ELT being transported across the state in a ground vehicle. All western counties were alerted to the possibility and asked to monitor for any signals in their area.

The ELT was finally located by an Idaho search pilot in a box at the U.S. Post Office in Afton. It had been shipped by mail and the shipper had failed to disconnect the batteries.

Several hundred man-hours, hundreds of dollars in search cost and a sleepless

night for many people was caused by the inappropriate action of one person.

Anytime an ELT is not installed in an aircraft, the unit should not only be turned off, but the battery should be disconnected. Have your aircraft mechanic verify that the ELT has been disarmed prior to being stored or shipped.

Treat an ELT like a firearm. An ELT may save your life someday; but it could cause the injury or death of a volunteer if improperly used, stored or transported.



Civil Air Patrol's emergency services statistics reported here are current as of Dec. 31, 1989. The figures are unofficial and compiled at Civil Air Patrol Headquarters, Maxwell AFB, Ala.

Saves 65
Finds 1,899
Missions 2,481
Total sorties
10,192
Total flying hours ..
20,923



The *Civil Air Patrol News*, with a nationwide circulation of more than 69,000 copies, is published monthly especially for people like Air Force Capt. Pamela J. Landreth-Strug and Dominic A. Strug. Both are Civil Air Patrol majors. Pamela is a member of Air Academy Composite Squadron and Dominic is a member of Pikes Peak Senior Squadron. The pair first met at Cadet Officer School in 1979. They met again in 1982 during National Cadet Competition and began dating. One thing led to another and they were married in December 1984. Both, who credit their Civil Air Patrol cadet experience with helping their Air Force careers, visited National Headquarters Civil Air Patrol recently while attending Squadron Officer School at Maxwell AFB, Ala. (Civil Air Patrol Photo by Air Force SSgt. George Wendt)

Civil Air Patrol NEWS

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1200E	38L	1201E	38L
1200F	40S	1201F	40S
1200G	40R	1201G	40R
1200H	40L	1201H	40L
1200I	42S	1201I	42S
1200J	42R	1201J	42R
1200K	42L	1201K	42L
1200L	44S	1201L	44S
1200M	44R	1201M	44R
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Legal corner- "Aviation Fuel Tax"

By Tom Handley
corporate legal counsel
Civil Air Patrol

MAXWELL AFB, Ala. -- Civil Air Patrol has enjoyed an aviation fuel tax exemption based on Civil Air Patrol's aviation education program for the last five years. Recently we received a visit from Internal Revenue Service agents who had reports of "gross abuse" of the fuel tax exemption by various Civil Air Patrol members. Among others, they had examples of members using the Civil Air Patrol exemption in their personal business.

IRS considered canceling the exemption but has decided to continue it provided Civil Air Patrol members are given clear instructions when the exemption can be used and follow those instructions.

Using IRS directions, the following is the exemption availability using the list of missions in paragraphs 1-4f and 1-4g of Civil Air Patrol Regulation 60-1.

■ Para. 1-4f. U.S. Air Force authorized reimbursable missions -- Exemption cannot be used.

■ Para. 1-4g(1) (a). Flight clinics approved by wing commander -- Exemption can be used.

■ Para. 1-4g(1) (b). Flight checks required by this regulation (CAPR 60-1) or CAPR 50-15 -- Exemption cannot be used.

■ Para. 1-4g(1) (c). Emergency services training missions approved by unit commander -- Exemption can be used.

■ Para. 1-4g(1) (d). Squadron or higher level official conferences or meetings -- Exemption cannot be used.

■ Para. 1-4g(1) (e). Cadet orientation rides -- Exemption can be used.

■ Para. 1-4g(1) (f). Missions to support requests from a local, county, state or federal governmental agency for emergency services assistance when approved by the unit commander -- Exemption cannot be used.

■ Para. 1-4g(1) (g). Flight instruction by Civil Air Patrol instructor pilot or mission check pilot in accordance with this regulation (CAPR 60-1) or CAPR 50-15 -- Exemption can be used.

■ Para. 1-4g(1) (h). Civil Air Patrol

encampments -- Exemption cannot be used.

■ Para. 1-4g(1) (i). Missions to support agencies in accordance with letters of agreement, etc., which have been signed by the national commander and the executive director -- Exemption cannot be used.

■ Para. 1-4g(1) (j). Student pilot training leading to a private pilot certificate or solo, and which is otherwise authorized by this regulation (CAPR 60-1) -- Exemption can be used.

■ Para. 1-4g(1) (k). Official visits to locations by Civil Air Patrol officers in the performance of Civil Air Patrol duties -- Exemption cannot be used.

■ Para. 1-4g(1) (l). Any flights to assist law enforcement agencies authorized by and in accordance with CAPR 900-3 -- Exemption cannot be used.

■ Para. 1-4g(1) (m). Any mission not listed above but approved by national headquarters/DO -- Exemption cannot be used.

■ Para. 1-4g(2) (a). Training/Proficiency (in corporate aircraft only) flights which are not necessarily in conjunction with or to or from any Civil Air Patrol activity listed above and which are otherwise conducted in accordance with this regulation (CAPR 60-1).

All Civil Air Patrol members who wish to use Civil Air Patrol's exemption should understand that future abuse of the exemption will not lead to its termination, but can subject the member and Civil Air Patrol to tax assessments and penalties.

IRS has agreed to provide this office with the names of those Civil Air Patrol members reported as abusing the exemption. This reporting could lead to disciplinary action within Civil Air Patrol as well as IRS penalties.

Civil Air Patrol commanders should make this article a permanent part of the "Bulletin Board" in all Civil Air Patrol flying activities and should brief it in commander's calls and print it in wing publications.

A copy of the "Aviation Fuel Tax Exemption Certificate" is published here with the "Exemption Numbers." The certificate MUST be furnished to the vendor when purchasing fuel for a flight listed above as exempt.

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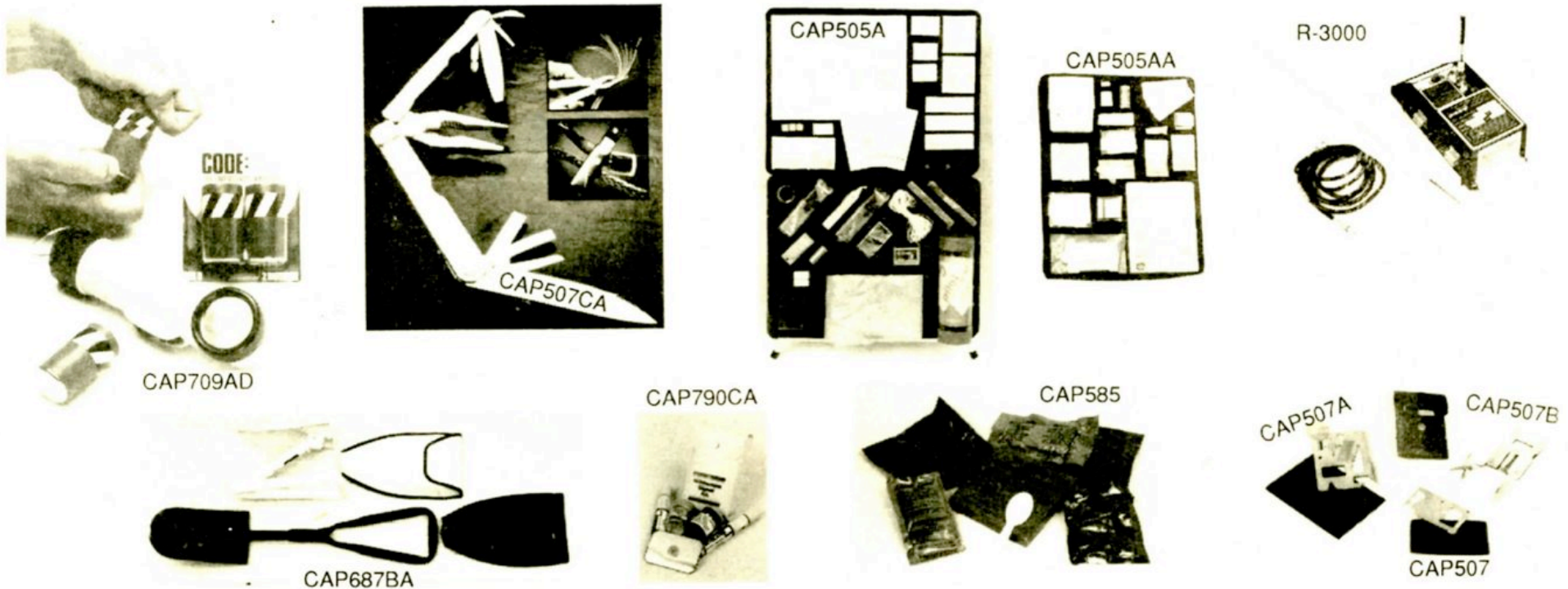


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PART NR	DESCRIPTION	QTY	COST	TOTAL	PART NR	DESCRIPTION	QTY	COST	TOTAL
CAP501A	EMERGENCY/SURVIVAL HANDBOOK. 45 PAGES. REFLECTIVE CENTER FOLD FOR EMERGENCY SIGNAL MIRROR. WAXED COVER FOR FIRE START. 4X5".	—	2.95 \$	—	CAP572A	DRINKING WATER, EMERGENCY. THIS POSI-SEALED DRINKING WATER BAG IS GOOD FOR USE ANYWHERE. ANYTIME EMERGENCY WATER IS REQUIRED. THE BAG CONTAINS 4 FL. OZ OF PURE WATER & IS USCG APPROVED.	—	.65 \$	—
CAP501AB	USAF AIRCREW SURVIVAL. AFP 64-5. 122 PAGES, 105 ILLUSTRATIONS. 4.5X7" SPIRAL BOUND. FITS FLIGHT SUIT POCKET. CURRENT ISSUE.	—	6.95 \$	—	CAP585	MEAL-READY-TO-EAT (MRE). CURRENT MILITARY RATIONS. KEEP HANDY FOR SURVIVAL/EMERGENCY SITUATIONS. MEALS CONSIST OF MEAT, VEG- TABLES, COCOA, CRACKERS, CHEESE/PEANUT BUTTER OR JELLY. DRIED FRUIT AND/OR DESERT, & ACCESSORY PACKET W/COFFEE, CREAM, SUGAR, SALT, MATCHES, GUM & TOILET TISSUE. EACH FOOD ITEM IS PACKAGED IN AN INDIVIDUAL RETORT POUCH, WHICH CAN BE EATEN HOT OR COLD. NO WATER REQUIRED. SIX MENUS PER CASE, 12 MENUS AVAILABLE. NO GUARANTEED SELECTION ON INDIVIDUAL MEALS. WT. 1+ LB PER MEAL.	—	5.25 \$	—
CAP501AC	USAF SEARCH & RESCUE SURVIVAL MANUAL. AFR 64-4. 579 PAGES, 742 ILLUSTRATIONS. 8.5X11". AN EXCELLENT CLASSROOM TOOL. CURRENT.	—	24.95 \$	—	CAP595A	STROBELIGHT, SURVIVAL. HIGH NIGHT-TIME VISIBILITY FOR THE PRICE OF ONE "D" CELL BATTERY. FASTEN TO FLIGHT CLOTHING W/ATCH PIN.	—	19.95 \$	—
CAP501BA	SURVIVAL SENSE FOR PILOTS & PASSENGERS. PROFESSIONAL HELP ON 'EMERGENCY RESPONSE, LIFE SUPPORT AND RESCUE'. 233 PAGES, 14 CHAPTERS BY ROBERT 'SKIP' STOFFEL AND PATRICK 'RICK' LAVELLA, CO-DIRECTORS OF THE EMERGENCY RESPONSE INSTITUTE (ERI) AND SPECIALISTS IN EMERGENCY PREPAREDNESS EDUCATION. PAPERBACK.	—	7.95 \$	—	CAP595AA	'FIREFLY' STROBELIGHT. CURRENT MILITARY ISSUE "SDUSE" DISTRESS LIGHT MARKER. COMPACT 4.5X2X1" AND WATERPROOF. UTILIZES 4RM1B OR BA1574/U MERCURY BATTERY. (CAP595AB) STANDARD IN SURVIVAL KITS AND SRU21/P VEST. BATTERY INCLUDED. CAP595AC CASE NOT INCL.	—	61.95 \$	—
CAP501DA	SURVIVAL BASICS FOR KIDS COLORING BOOK, BY CINDY CABLE AND ILLUSTRATED BY MAUREEN STOFFEL. 32 PAGES OF EDUCATION ON THE NECESSITIES AND PRIORITIES OF LIFE, PLUS WHAT TO DO IF YOU BECOME LOST. ILLUSTRATES SIX THINGS TO SURVIVE: REST-WATER-FOOD-OXYGEN-SHELTER AND PMA (POSITIVE MENTAL ATTITUDE).	—	2.95 \$	—	CAP595AB	MERCURY BATTERY FOR SDUSE STROBELIGHT. ACR4RM1B/BA1574/U. DATED.	—	9.95 \$	—
CAP501DE	LOST IN THE WOODS: CHILD SURVIVAL. 62 ILLUSTRATED PAGES BY COLLEEN POLITANO. BOOK CAPTURES CHILD'S ATTENTION AND EDUCATES THEM ON WHAT TO DO, IF HE/SHE BECOMES LOST. SHOWS ACTIVITIES TO FURTHER ILLUSTRATE SAFETY PROCEDURES. CONTAINS INFORMATION FOR PARENTS AND TEACHERS TO HELP PREPARE FOR 'LOST' SITUATIONS.	—	5.95 \$	—	CAP595AC	NYLON CASE FOR SDUSE STROBELIGHT. CURRENT MILITARY ISSUE.	—	7.95 \$	—
CAP503	SURVIVAL PLAYING CARDS. STANDARD DECK CAN BE USED TO PLAY YOUR FAVORITE CARD GAMES AND LEARN TO "SURVIVE" AT THE SAME TIME. EACH CARD CONTAINS SURVIVAL TIPS ON SHELTER, DIRECTION FINDING, FOOD, FIRST-AID AND OTHER LIFE SAVING INFORMATION. 3 OUNCES.	—	4.95 \$	—	CAP603B	HAND WARMER, DISPOSABLE. SAFE EASY TO USE 130 TO 140 DEGREE WARMTH FOR UP TO 18 HOURS OF USE. ODORLESS & NO MESSY FUEL TO SPILL. NATURAL INGREDIENTS REACT TOGETHER WHEN EXPOSED TO "AIR". 4X5" SOFT, THIN POUCH MOLDS TO YOUR BODY. REMOVE FROM PACKAGE & SHAKE. RETURN TO AIR TIGHT (ZIP-LOCK) CONTAINER & STOP HEATING ACTION, ALLOWING MULTIPLE USE PERIODS. PACKAGE OF FOUR. 6 OZ.	—	3.95 \$	—
CAP503LC	'LIFE CARD' BY 'BRUNTON'. A MOST UNIQUE OUTDOOR SURVIVAL SYSTEM WHICH FITS COMFORTABLY IN YOUR WALLET, PURSE OR POCKET. KIT C/O THREE TWO-SIDED WATERPROOF CARDS W/BASIC SURV INFO ON DIRECTION, FIRST AID, FOOD SOURCE, ETC. OPTICAL QUALITY 2.5X POWER FLAT FRESNEL MAGNIFYING LENS FOR READING, FIRE STARTING OR SIGNALING. A REVOLUTIONARY NEW "FLOATING" DISC COMPASS, 3/8" DIA AND FLAT. KEEP IT W/YOUR 'AMEX' CARD AND "DON'T LEAVE HOME WITHOUT IT".	—	5.95 \$	—	CAP605	SPACE BLANKET, SILVER AND GOLD. COMPACT 54X84" FOIL BLANKET IS FEATHER-LITE, STRONG AND WATERPROOF. ALSO CAN DBL AS A PONCHO, OR SHELTER COVER. USE AS ACFT WINDOW SHADES TO REDUCE CP HEAT.	—	2.95 \$	—
CAP505A	PILOT SURVIVAL KIT. FIRST-AID, FOOD AND SHELTER. 22 LINE ITEMS C/O TUBE TENT, MIRROR, MATCHES, FOOD, WHISTLE, FIRST-AID, FOIL, WIRE, CANDLE, CORD, WIRE AND INSTRUCTIONS. ROUND PLASTIC WATER-PROOF CONTAINER DOUBLES AS A CANTEEN. 8X2.75", 16 OUNCES.	—	15.95 \$	—	CAP606B	EMERGENCY SLEEPING BAG. PERSONAL THERMAL PROTECTION, DESIGNED FROM THE "SPACE BLANKET". 36X84" 3 OZ POCKET SIZE SLEEPING BAG, IS WATERPROOF, WINDPROOF AND WARM. AN EXCELLENT SURVIVAL ITEM.	—	6.95 \$	—
CAP505AA	SURVIVAL KIT, INDIVIDUAL FLYERS. CURRENT USAF ISSUE. P/O SRU21/P SURVIVAL VEST. EXPANDABLE PLASTIC CASE, W/FIRST AID, WATER PUMP TABS, FISH HOOKS & LINE, MATCHES, FOIL & FOOD. 4.5X3.25X2" 8 OZ.	—	26.95 \$	—	CAP625L	FIRE STARTER, 'AVIATION SURVIVAL' 'SPARK-LITE', WORK ONE HANDED. IGNITER IS DESIGNED TO SPARK WELL OVER 1000 TIMES AND MAY BE USED WITH RIGHT OR LEFT HAND. COMES W/TWO EXTRA FLINTS AND TEN FIRE TABS, EACH DESIGNED TO BURN TWO MINUTES. W/INSTRUCTIONS. DESIGN IS CURRENT MILITARY ISSUE.	—	3.95 \$	—
CAP505F	POCKET SURVIVAL KIT, FOR THOSE WHO TRAVEL LIGHT !!! 14 BASIC ITEMS. WHEN PROPERLY UTILIZED THIS KIT WILL HELP PROVIDE LIGHT, WARMTH, FOOD, WATER, FIRST AID, NAVIGATION AND A LIMITED SIGNAL CAPABILITY. PACKED IN WATERPROOF CARTRIDGE WITH POCKET CLIP. CIGAR SIZE, ONLY .75X6.5". FITS KNIFE POCKET OF FLIGHT SUITS.	—	11.95 \$	—	CAP625M	MAGNESIUM FIRE STARTER. SHAVE SLIVERS OF MAGNESIUM & FIRE WITH BUILT IN FLINT, FOR 100'S OF FIRES. 1X3" W/KEY CHAIN. GI ISSUE.	—	4.75 \$	—
CAP505FS	'FOUR SEASONS' SURVIVAL KIT. A 16 OZ 3X4X6" NYLON BELT POUCH CRAMMED FULL OF ALL THE NECESSARY TOOLS TO BE A SURVIVOR. C/O A 30 PC FIRST AID KIT, FISHING & SEWING KITS, FIRE STARTER, LIP BALM, INSECT BITE TREATMENT, MIRROR, WATER PURE TABS, MATCHES, COMPASS, Cyalume, FOOD BAR, BOUILLON, KNIFE, CANDLE, BLANKET & MUCH MORE. ADD WATER & STIR !!! INSURANCE POLICY FOR ANY TRIP.	—	42.95 \$	—	CAP636A	SIGNAL MIRROR, GLASS, W/GRID AND INSTRUCTIONS. 2X3" GI STYLE.	—	5.25 \$	—
CAP505KSK	KNIFE SURVIVAL KIT. NEW FROM 'FOUR SEASONS'. C/O A 34 PC FIRST AID KIT, 13 PC FIRE STARTER KIT, SEWING & FISHING KITS. PENCIL & PAPER, MATCHES, LIGHT STICK, NYLON CORD, WHISTLE & COMPASS. THE KSK KNIFE IS THE FINEST 440 STAINLESS STEEL SAW-TOOTH BACK LOCK-BLADE ON THE MARKET FOR THE MONEY. CONTOUR RUBBER HANDLE IS NON-SLIP FOR CONTROLLED GRIP. OVERALL LENGTH 10". CORDURA CASE IS 6X3X2.5" W/4" BELT LOOP. 14 OZ. MFG LIST PRICE \$57.50.	—	42.95 \$	—	CAP636AA	SIGNAL MIRROR, GLASS, W/GRID AND INSTRUCTIONS. 2X3" GI ISSUE.	—	9.95 \$	—
CAP507	SURVIVAL TOOL, MINI, STAINLESS STEEL. USE AS KNIFE, RULER, SAW, CAN OPENER, REAMER, SCREWDRIVER & WRENCH. CAP LIFTER, COMPASS, WIRE STRIPPER & FILE. VINYL CASE & INSTRUCTIONS. 2.75X1.5".	—	4.95 \$	—	CAP636B	SIGNAL MIRROR, GLASS, W/GRID AND INSTRUCTIONS. 3X5" GI STYLE.	—	5.75 \$	—
CAP507A	SURVIVAL TOOL, STANDARD. STAINLESS STEEL. USE AS KNIFE, RULER, CAN OPENER, REAMER, SCREWDRIVER, COMPASS, CAP LIFTER & WRENCH. WIRE STRIPPER, FILE WOOD PLANE, NAIL LIFTER, SCRAPER, SIGNAL MIRROR & WIRE CUTTER. VINYL CASE & INSTRUCTIONS. 4X2.75"	—	8.95 \$	—	CAP636BA	SIGNAL MIRROR, GLASS, W/GRID AND INSTRUCTIONS. 3X5" GI ISSUE.	—	11.95 \$	—
CAP507B	SURVIVAL TOOL, DELUXE, STAINLESS STEEL. USE AS KNIFE, SCISSORS, SCREWDRIVER, REAMER, NAIL FILE, MAGNIFYING GLASS, SHARPENING STONE & WIRE STRIPPER. CAP LIFTER, RULER & SIGNAL MIRROR. VINYL CASE & INSTRUCTIONS. 3.125X1.75"	—	19.95 \$	—	CAP636C	SIGNAL MIRROR, GLASS, W/GRID AND INSTRUCTIONS. 4X5" CLOSEOUT.	—	5.95 \$	—
CAP507CA	'LEATHERMAN' SURVIVAL TOOL. 100% STAINLESS STEEL POCKET TOOL, THAT FUNCTIONS AS 12 SEPARATE TOOLS. FOLDS TO 4", WEIGHS JUST 5 OUNCES AND IS GUARANTEED AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A FULL 25 YEARS, BY THE MANUFACTURER. UNIT C/O FULL SIZE NEEDLE NOSE & REGULAR PLIERS, WIRE CUTTERS, AWL & PUNCH, 2.5" KNIFE BLADE, RULER, CAN/BOTTLE OPENER, 1-3-5/16" SLOTTED SCREWDRIVERS, #2 PHILLIPS SCREWDRIVER & METAL/WOOD FILE/SAW. ALL PARTS INTERCONNECTED. DESIGNED TO MIL-SPECS. FURNISHED WITH LEATHER BELT CASE. MANUFACTURERS P/N TSS100A.	—	34.95 \$	—	CAP642A	COMPASS, SWISS ARMY 'RECTA' 'FASTSIGHT', OBSTRUCTION-FREE 4.5" LONG SIGHT W/'NIGHTSIGHT'. FRONT & REAR LUMINOUS POINTS & DEV TATION MARKS. LIQUID FILLED TRANSPARENT CAPSULE FOR MAP USE. JEWELLED BEARINGS. COMPASS SCALE AT 2° INTERVALS. RETRACTABLE SUBVIEWING OPTICAL READING MIRROR DBLS AS SIGNAL DEVICE. ANTI-STATIC, DAMAGE RESISTANT 'NORYL' HOUSING. LANYARD DBLS AS MAP SCALE EXTENSION. COMPREHENSIVE INSTRUCTION MANUAL. 3X1.75X1".	—	24.50 \$	—
CAP531AA	WINDPROOF AND WATERPROOF WOODEN SAFETY MATCHES. BEST AUSTRALIAN QUALITY. 25 PER WATER RESISTANT BOX. USE ON LAND OR SEA. 1 OZ.	—	1.25 \$	—	CAP642AA	LENSATIC COMPASS. GI ISSUE W/LC2 NYLON CASE. INDUCTION DAMPED NEEDLE STOPS IN SIX SECONDS. NO LIQUIDS. METAL HINGED OD METAL CASE. MAGNIFYING LENS IN SIGHTING BRACKET FOR DIAL READING. DEG/MIL BEZEL. FIVE INCH METRIC GRADS. 1:50,000. W/LANYARD. EXTERNAL LIGHT REQUIRED TO "CHARGE" PHOSPHORESCENT PAINTED DIAL FOR LUMINOUS VISION.	—	34.95 \$	—
CAP531BAA	MATCHBOX, WATERPROOF HARD PLASTIC W/STRIKER CAP. 2.125 X 1". GI ISSUE, OD () CAP531BAB MIL-SPEC ORANGE () SPECIFY.	—	1.25 \$	—	CAP642AAA	LENSATIC COMPASS. GI ISSUE W/LC2 NYLON CASE. SAME COMPASS AS ABOVE WITH "TRITIUM" DIAL. THIS MODEL CAN BE USED IN TOTAL DARKNESS W/O A LIGHT CHARGE. 'STUCKER & VALE' 'SANDY 183".	—	59.95 \$	—
					CAP648CAA	SURVIVAL KNIFE, USAF/USN ISSUE. 5" BLACK STAINLESS STEEL SAW-BACK BLADE. NATURAL LEATHER HANDLE W/HARDENED BUTT FOR HAMMER- ING. STEEL HAND GUARD W/HOLES TO CONVERT KNIFE TO A SPEAR. OD NYLON SHEATH W/SHARPENING STONE & 3" BELT LOOP. 2.75X10", 11 OZ. MAY BE WORN W/BELT OR SEWN IN PLACE ON THE SRU21/P USAF SURVIVAL VEST, UTILIZING CAP215EBE ADHESIVE HOOK & LOOP FASTENER.	—	18.95 \$	—
					CAP648E	'BREWER' SURVIVAL KNIFE. DESIGNED BY THE FAMOUS DOCTOR CHARLES BREWER TO SURPASS CIVILIAN AND MILITARY REQUIREMENTS. 6.5" 440 STAINLESS STEEL, MATTE BLACK FINISH BLADE, WITH DOUBLE-CUT SAW, WIRE CUTTER SLOT, CLINOMETER SCALE, FISHLINE HOLE, LAND-TO AIR SIGNALS. HI-TENSIL INJECTED ALUMINUM, EPOXY RESIN COATED BLACK HANDLE WITH DETACHABLE STEEL KNUCKLE GUARD. LIQUID FILLED COMPASS AND SURVIVAL CAPSULE INSIDE HANDLE. SHEATH OF REINFORCED POLYIMIDE W/NYLON BELT ATTACHMENT, VELCRO CLOSURE TO HOLD KNIFE. SHARPENING STONE RECESSED IN BACK OF SHEATH, LEG TIE CORD, SS-HEEL W/WIRE CUTTER & SCREWDRIVER TIP. COMPLETE W/HARPOON AND USE/CARE MANUAL. FOR THOSE WHO WANT THE VERY BEST. MADE-SPAIN.	—	125.00 \$	—



PART NR	DESCRIPTION	QTY	COST	TOTAL
CAP648VM	POCKET KNIFE, SWISS ARMY 'VICTORINOX' "MAUSER". 4" MAIN BLADE, 4" EXTRA HEAVY TENSION BLADE, CORKSCREW, REAMER & UTILITY TOOL (CAN & BOTTLE OPENERS, SCREWDRIVER & A RUGGED SAW BLADE W/RE-MOVEABLE GUARD). LANYARD HOLE. 4.5" OLIVE GREEN. A DEPENDABLE SURVIVAL TOOL IN AN EMERGENCY. TEATHER TO THE AF FLIGHT SUIT IN THE KNIFE POCKET, OR KEEP ONE IN THE SRU21/P SURVIVAL VEST.	1	24.95	\$
CAP652	FINGER SAW, STAINLESS STEEL. CUTS WOOD, BONE, PLASTIC ETC. A MUST IN YOUR SURVIVAL KIT. 18" LONG W/FINGER RINGS. 2 OUNCES.	1	1.75	\$
CAP652A	FOLDING SAW, 7" STAINLESS STEEL BLADE. LOCKS OPEN, CLOSES TO 9.5" OVERALL LENGTH. UNBREAKABLE HANDLE. MAIDEN ENGLAND. 5 OZ.	1	9.95	\$
CAP653AA	'THOMPSON' SSKI SNARE KIT. 00-20" & 0-5-30" SELF LOCKING STEEL SNARES. TRAP RABBITS, SQUIRRELS, MUSKRAT, ETC (W/PRACTISE) 2 OZ.	1	4.95	\$
CAP664	WHISTLE, PLASTIC WIDEMOUTH, WITH ATTACHED NECK LANYARD. ORANGE.	1	1.25	\$
CAP664AAA	WHISTLE, POLYSTYRENE WIDEMOUTH, W/NECK LANYARD. GI ISSUE OD.	1	1.50	\$
CAP667BDA	PARACHUTE CORD, PERSONNEL. 550# TEST, 3/16"-100'. US GOVT ISSUE. NYLON BRAIDED SHEATH W/7 INNER STRANDS. USE FOR ALL TYPES OF EMERGENCY AND SURVIVAL INCLUDING FISHING AND SEWING LINE, ETC. ROT AND MILDEW RESISTANT. COLOR WHITE () CAP667BDC OD () CAP667BDJ RED () CAP667BDE BLACK () SPECIFY QTY OF EA.	1	3.95	\$
CAP674	'HELP' EMERGENCY DISTRESS FLAG. 2X3". ORANGE CLOTH WITH 15X26" BLACK 'HELP' LETTERS. CORNER GROMMETS & TWINE. AIRPLANES/BOATS.	1	5.75	\$
CAP676AKA	SNAKE BITE KIT. CONSISTS OF SUCTION CUPS, ANTISEPTIC, SCALPEL, LYMPH CONSTRICTOR AND INSTRUCTIONS. 3.125 X 1 X 1".	1	3.95	\$
CAP676CA	FOOT CARE KIT. 'MOLESKIN' PROTECTS FEET FROM RUBBING/BLISTERS. 12 PIECE KIT FOR GROUND TEAMS/HIKERS/SPORTS/SURVIVAL. 1 OUNCE.	1	2.50	\$
CAP676EA	WATER PURIFICATION TABLETS. 50 COUNT. (12 GALLONS). GI ISSUE.	1	3.25	\$
CAP687AB	SNOW SHOVEL, TRI-FOLD. 10.5X12" FOLDED. 8.5X12" BLADE WITH 14" HANDLE. 2 LB 10 OZ. PERFECT FOR CAR, AIRCRAFT ETC.	1	8.95	\$
CAP687BA	'E-TOOL' EMERGENCY ENTRENCHING TOOL. ORIGINALLY ENGINEERED AND BUILT FOR THE U.S. MILITARY FORCES. HARDENED STEEL SHOVEL WITH RIBBED, REINFORCED, DUAL CONSTRUCTION, AIRCRAFT ALUMINUM SHANK AND HANDLE, FOR EXTRA STRENGTH W/O EXTRA WEIGHT. SPADE HAS SAW EDGE FOR CUTTING SMALL BRANCHES AND MACHETE BLADE FOR CHOPPING AND CLEARING BRUSH. TIP IS DESIGNED FOR ROOT/VINE CUTTING AND SNAKE CONTROL. HANDENED STEEL FOOT LIP DOUBLES AS AN EMERGENCY HAMMER FOR BREAKING GLASS, ETC. FOLDS TO 12X6X2" AND EXTENDS TO 30". WEIGHS LESS THAN 3#. USE FOR FIGHTING FIRES, EARTHQUAKE AND TORNADO DAMAGE, STUCK VEHICLES AND VARIOUS RESCUE SITUATIONS. COMPLETE W/MATCHING CARRY POUCH. COLOR: YELLOW, BLACK OR ORANGE.	1	39.95	\$
CAP703AA	CYALUME LIGHTSTICK, 3 HR USEABLE PLUS 9 HR MARKER LIGHT. JUST THE THING FOR ANY EMERGENCY IN AIRCRAFT, CAR, HOME, ETC. WIND & WATERPROOF. COLOR GREEN () CAP703AB RED ()	1	1.75	\$
CAP709AD	'CODE:RED' EMERGENCY "D" CELL BATTERY W/A GUARANTEED STORAGE LIFE OF 20 YEARS, AT 100% POWER. COMPLETELY WATERPROOF AND WEIGHS 50% LESS THAN COMPARABLE ALKALINE CELLS & 30% LESS THAN "HEAVY DUTY" CELLS, RESULTING IN ADVANTAGES TO WEIGHT CONSCIOUS CONSUMERS. NO POWER LOSS IN STORAGE. ACTIVATE UNIT BY ROTATING A UNIQUE "TWIST-TOP" THAT MIXES THE CELL'S ENERGY PRODUCING POWERS WHEN YOU NEED THEM. PACKAGED TWO PER BLISTER PACK, 'CODE:RED' BATTERIES ARE EASILY STORED AND ARE UNAFFECTED BY EXTREME TEMPERATURES DURING STORAGE. ONCE ACTIVATED, THEY CAN NOT BE RETURNED TO ORIGINAL STATE AND ARE NOT RECHARGEABLE, BUT RETAIN THEIR CHARGE FOR MONTHS, THE SAME AS OTHER BATTERIES WHEN NOT IN USE. GREAT FOR SURVIVAL KITS IN AIRPLANES, HOME, AUTO, WATERCRAFT, SHOP, ETC.	1	6.95	\$
CAP747ABA	MINI-HAMMOCK, 100% NYLON NET. 7X20' W/METAL RINGS & TIE ROPES. 500# CAP. ALL (W). USE W/OR W/O SLEEPING BAG. MAKES STRETCHER, ROPE, INK BAG OR OFF GROUND STORAGE. MADE IN USA. 10 OUNCES.	1	7.95	\$
CAP750B	TUBE TENT, SURVIVAL, ORANGE. HEAVYWEIGHT VINYL, FIRE RETARDANT NO END PANELS. HANGS BETWEEN TWO TREES W/CORD PROVIDED. 4X8' SLEEPS TWO ADULTS. CUT FOR SIGNAL PANELS, PONCHO, ETC. 19 OZ.	1	5.50	\$
CAP766B	SAFETY VEST. HIGHLY VISIBLE FLUORESCENT ORANGE SOFT NYLON MESH. JACKET STYLE W/VELCRO FRONT CLOSURE AND ADJUSTABLE ELASTIC SIDE STRAPS. 1.5" REFLECTIVE STRIPING COVERING ENTIRE LENGTH OF BOTH FRONT PANELS (11) AND CROSSED (X) ON THE BACK, VISIBLE TO 600'. GREAT FOR GROUND TEAMS, FLIGHT LINE PERSONNEL & SURVIVAL KITS.	1	8.95	\$
CAP766S	SAFETY STREAMER. HIGHLY VISIBLE FLUORESCENT ORANGE TAPE, 1" W X 100' L SPOOL. USE AS TRAIL TAPE TO MARK MOVEMENT OR CRASH SITE MARKER. KEEP A ROLL IN SURVIVAL KITS FOR GROUND VISIBILITY.	1	1.50	\$
CAP790CA	WILDERNESS SIGNAL KIT. MAKE YOURSELF VISIBLE WHEN IT COUNTS THE MOST. C/O SIGNAL MIRROR, SMOKE, FIRE STARTER & TWO 'SKYBLAZER' RED FLARES. SELF CONTAINED FLARE LAUNCHER IS IGNITED BY PULLING ON THE ATTACHED CHAIN. 20 MI VISIBILITY AT 300'. VINYL CASE.	1	19.95	\$

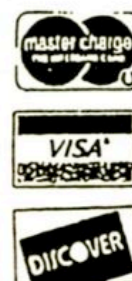
PART NR	DESCRIPTION	QTY	COST	TOTAL
CAP790CAA	'SKYBLAZER' RED AERIAL FLARES. 20K CANDLE POWER; AVERAGE ALT 504'. WATERPROOF & SUBMERGIBLE TO 200'. U.S.C.G. 4M. 3 PACK.	1	14.95	\$
CAP790CAB	'SKYLITER' WHITE AERIAL FLARES. 20K CANDLE POWER; AVERAGE ALT 504'. WATERPROOF & SUBMERGIBLE TO 200'. WHITE STAR. 3 PACK.	1	14.95	\$
CAP790CB	'LIFE-STAR' HIGH TECH HAND HELD FLARES IN SEALED STORAGE BAG. 3 MINUTE BURN TIME. 10" X 1" . 10X BRIGHTER THAN AVERAGE ROAD FLARE. 3 PACK.	1	14.95	\$
CAP215EBE	HOOK & LOOP FASTENER TAPE. ADHESIVE-BACK, SELF-STICK. 'PEEL AND PRESS'. 2"W X 11"L. USE CAP215EBE OLIVE GREEN FOR SURVIVAL VEST AND RANGER TEAM FIELD EQUIPMENT (). USE CAP215ECE SAGE GREEN FOR REPAIRS, ALTERNATIONS & PATCHES ON AF FLIGHT CLOTHES. () USE CAP215EDE NAVY BLUE () & CAP215EFE ORANGE () FOR NEWLY AUTHORIZED NOMEX FLIGHT SUITE.	1	2.75	\$
CAP215EHK	HOOK & LOOP FASTENER TAPE, SAME AS ABOVE IN 4"W X 11"L BLACK.	1	4.50	\$
PS-EPG15	'WHISPER' EAR PLUGS. THREE SOFT FLEXIBLE FLANGES OF GRADUATED SIZE PROVIDE MULTIPLE EAR SEALS. COLOR CODED AND SIZE LETTERED. MADE OF SILICONE RUBBER WHICH IS NOT TEMPERATURE SENSITIVE. FOR COMFORTABLE WEAR IN HOT AND COLD CLIMATES. OD PLASTIC CASE WITH 'EAR INSERTER' AND CHAIN FOR ATTACHING TO CLOTHING. FRESH FROM THE MANUFACTURER. CURRENT MILITARY ISSUE. KEEP SEVERAL HANDY. SIZE:SM-GREEN () EPG1M-MED-ORANGE () EPG1L-LG-BLUE ()	1	2.25	\$
PS-CD101A	'EASY TEST' CARBON MONOXIDE CHECK KIT. DETECTS HARMFUL LEVELS OF 'CO' DUE TO FAULTY EXHAUST SYSTEMS. KIT CONSISTS OF HOLDER AND 12 'CO BUTTONS', EACH PROVIDING PROTECTION UP TO 30 DAYS. ATTACHES ANYWHERE IN AIRCRAFT, CAR, BOAT, HOME, ETC. DON'T BE WITHOUT THIS PROTECTION FOR 1/4 PER DAY. A FULL YEARS SUPPLY!!	1	19.95	\$
R-3000	'POINTER' EMERGENCY LOCATOR TRANSMITTER (ELT), WITH VOICE - CAPABILITY. DOUBLES AS A SURVIVAL RADIO, UTILIZING THE ACFT MICROPHONE. FURNISHED W/QUICK RELEASE MOUNTING BRACKET, REMOTE CONTROL CAPABILITY, EXTERNAL AIRCRAFT ANTENNA AND COAX CABLE, PORTABLE TELESCOPIC ANTENNA, ROLAMITE AUTOMATIC ACTIVATION, "ON" INDICATOR LIGHT, THREE YEAR BATTERY PACK AND "OPTIONAL" COCKPIT REMOTE CONTROL SWITCH KIT. UNLIMITED WARRANTY TO ORIGINAL OWNER (BATTERY PACK EXCLUDED). FAA TSO C91 APPROVED.	1	215.00	\$
R-2019	'POINTER' 3000 "IN FLIGHT" PANEL MOUNTED, REMOTE SWITCH KIT.	1	20.28	\$
R-TT920	'TEN-TEC'S' USA MADE VHF HANDHELD TRANSCEIVER. KEYBOARD ENTRY PROVIDES QUICK AND EASY FREQUENCY SELECTION OF ALL 720 COMMUNICATIONS CHANNELS, AND HAS FREQUENCY LOCK CAPABILITY. RECALL UP TO 10 MEMORY FREQUENCIES. SCAN MEMORY OR ALL 118-136 MHz. LCD READOUT. QUICK ACCESS TO EMERGENCY FREQUENCY. SUPPLIED W/ STANDARD AIRCRAFT HEADSET JACKS. 7.87X2.6X1.6", WEIGHS 18 OZ. COMPLETE W/ANTENNA, BATTERY AND AC CHARGER. ONE YR WARRANTY.	1	325.00	\$
344T	'HALON' 1211 PILOTS FIRE EXTINGUISHER. 1.125LB CAP. 9-12' RANGE. 'HALON' EVAPORATES COMPLETELY AND LEAVES NO RESIDUE. NON-CORROSIVE, 10" TALL X 5.125 WIDE. 10 SEC DISCHARGE. WITH BRACKET. 2#.	1	23.95	\$
352T	'HALON' 1211 AIRCRAFT FIRE EXTINGUISHER. 2.5# CAP. 14X4", 5.5#.	1	35.95	\$
FREIGHT AND HANDLING FEE FOR SURFACE UPS SHIPPING				\$ 4.00
GRAND TOTAL				\$

HELP

CAP503

CAP648CAA

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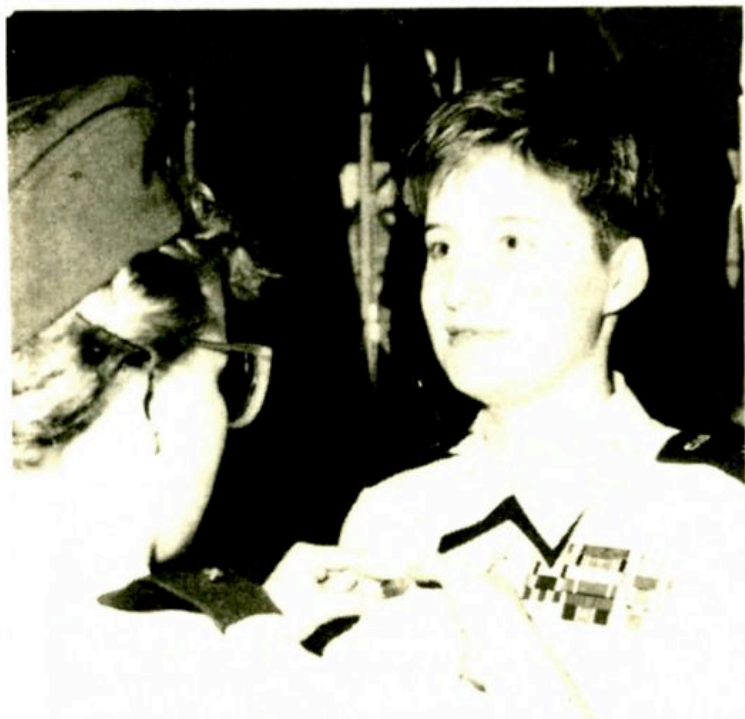
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1989 National Cadet Competition

INSPECTION



HOLD STILL -- Florida Wing Cadet Ted Fox, holds still while 1st Lt. Anthony Lee, helps clip stray threads from his uniform prior to In-Ranks Inspection.



INSPECTION PREPARATION -- Cadet Stacy Fairbanks, left, assists fellow Cadet Heather Phinney in straightening her name tag prior to the Inspection portion of Drill Competition. Both cadets from Nebraska Wing represented Civil Air Patrol's North Central Region at 1989's National Cadet Competition.



CONFERRING -- Air Force Judges compare ratings in a mini conference during Drill Competition. The judges, from left, Air Force SMSgt. John T. Connell, SMSgt. David E. Stever, MSgt. Gary S. Benefield and MSgt. Bradley F. Holmes, are assigned to the U.S. Air Force Senior NCO Academy, Gunter AFB, Ala.



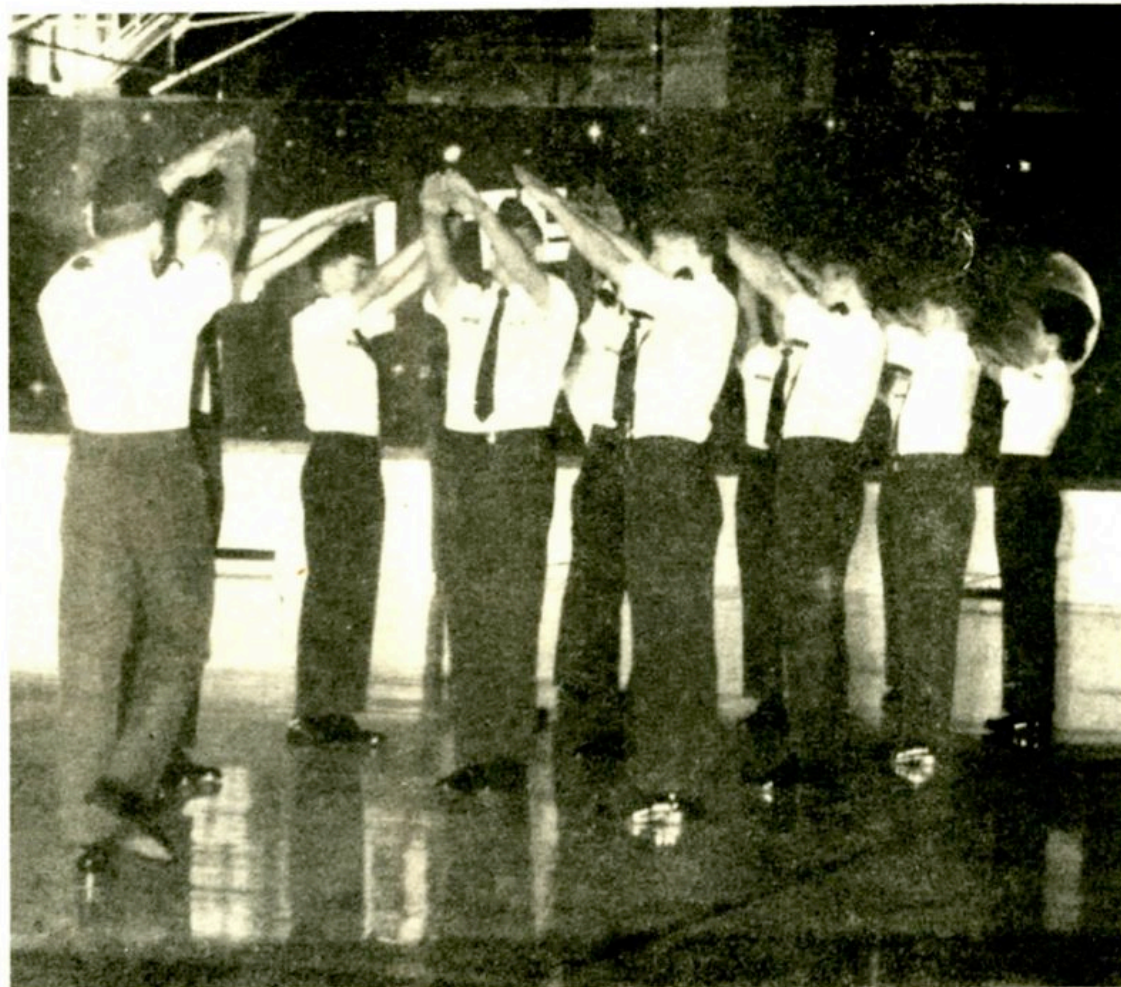
TAKING NOTES -- Air Force MSgt. Gary S. Benefield, one of four judges for Drill Competition, takes notes as he inspects the Delaware Wing team representing Civil Air Patrol's Middle East Region.

1989 National Cadet Competition

DRILL COMPETITION



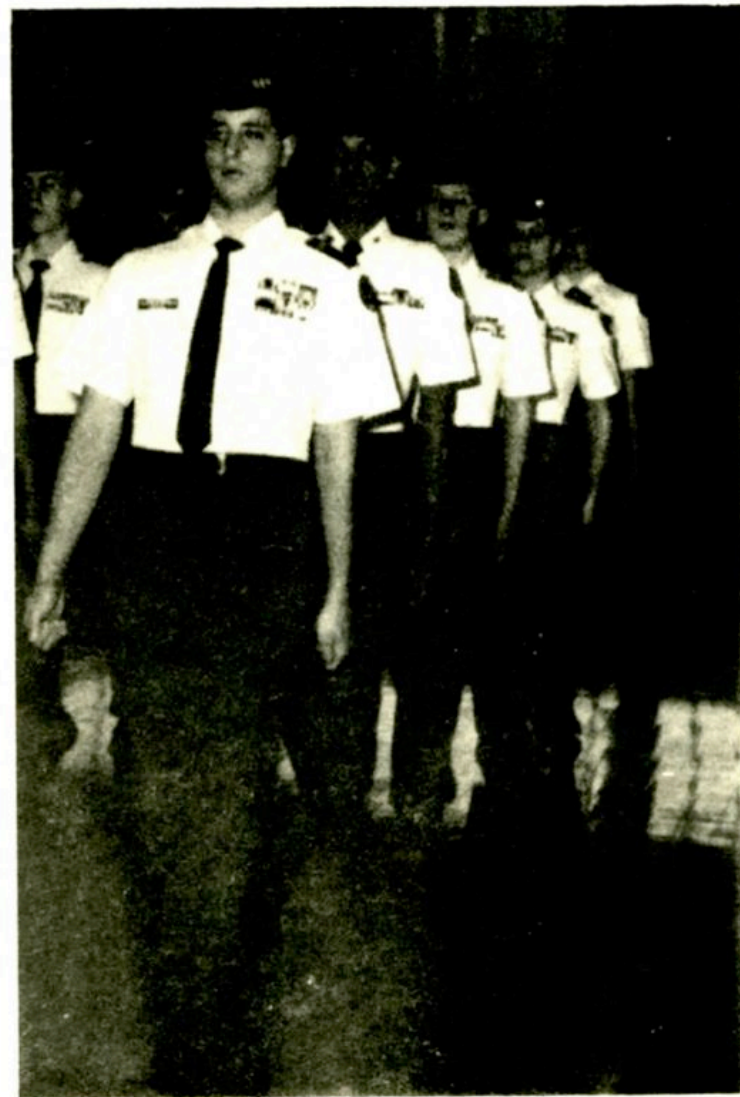
READY FOR COMPETITION -- Cadet Jerry McKinney reports to Air Force SMSgt. John T. Connell stating, "Sir! Middle East Region prepared for standard drill competition!"



FLASH & FINESSE -- Middle East Region's cadets "show their stuff" during Innovative Drill. This phase of competition brought lots of applause from many spectators gathered for the event.



CRISS-CROSS -- Cadets of Middle East Region's team use precise timing and discipline to complete a difficult criss-crossing "X" maneuver during Innovation Drill segment of Drill Competition.



LEADING THE WAY -- Cadet Harry Magazu, New Jersey Wing, leads a file of Northeast Region team members off the competition floor as the team completes Standard Drill portion of Drill Competition.

1989 National Cadet Competition

KNOWLEDGE



"PLEASE HELP . . ." -- New Jersey Wing Cadet Christopher Montana seems to be asking for guidance as he listens to a question during Panel Quiz segment of 1989's National Cadet Competition.



TAKING THE CHANCE -- Nebraska Wing Cadet Heather Phinney, right, grimaces as she presses the buzzer in hopes of answering correctly a question during Panel Quiz Competition. Her North Central Region teammates, watching her closely, are Cadets Jason Carda, left and Matthew Rowe.



TAKING NOTES -- Delaware Wing Cadet, Nicole Miller, representing Middle East Region, takes note of instructions for the Written Examination segment.



LAST MINUTE CHECK -- Middle East Region's Cadet James Herrera, Delaware Wing, makes a last minute check prior to the Written Examination portion.



BONUS CONFERENCE -- Northeast Region teammates, from left, Bernard Lynch, Christopher Montana and Joseph Szuch, take a few seconds to confirm the answer to a Bonus Question during Panel Quiz competition. Teams who answered a "Toss-up Question" correctly were offered a Bonus Question to earn additional points.

1989 National Cadet Competition

THE WINNERS

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FIRST PLACE -- Captain for Northeast Region's 1989 National Cadet Competition team, Cadet Darin Ford, New Jersey Wing, accepts the Chief of Staff Sweepstakes Trophy for First Place from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell, left, and Air Force Col. James Willoughby, deputy chief of staff for training, National Headquarters Civil Air Patrol.



SECOND PLACE -- Cadet Nick Roscha, captain of Pacific Region's 1989 National Cadet Competition team, is presented the Chief of Staff Sweepstakes second place trophy. Presenting the award are Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell and Air Force Col. James Willoughby, deputy chief of staff training, National Headquarters Civil Air Patrol.



THIRD PLACE -- Cadet Barry Dowell, Kentucky Wing, proudly displays the Chief of Staff Sweepstakes Trophy for third place. As team captain of Great Lakes Region's 1989 National Cadet Competition team, Cadet Dowell accepts the award from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell and Air Force Col. James Willoughby, deputy chief of staff training, National Headquarters Civil Air Patrol.

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THE WINNERS -- Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell, and Air Force Col. James Willoughby, join members of Northeast Region's 1989 National Cadet Competition winning team for a triumphant group photo.

1989 National Cadet Competition

FIRST PLACE



PANEL QUIZ -- Northeast Region Cadet Darin Ford accepts First Place Panel Quiz Award for his team from Civil Air Patrol National commander, Maj. Gen. E. E. Harwell.



MILE RUN -- Pacific Region Cadet Nick Roscha accepts First Place Award Mile Run Competition for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



WRITTEN EXAM -- Northeast Region Cadet Darin Ford accepts the First Place Written Examination Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



VOLLEYBALL -- Pacific Region Cadet Nick Roscha accepts First Place Award Volleyball Competition for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



INNOVATIVE DRILL -- Northeast Region Cadet Darin Ford accepts First Place Award Innovative Drill Competition for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



IN-RANKS INSPECTION -- Pacific Region Cadet Nick Roscha accepts First Place In-Ranks Inspection Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



STANDARD DRILL -- Northeast Region Cadet Darin Ford accepts First Place Standard Drill Competition Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.

Northeast Region

Cadet Joseph Catalino
Cadet Steven Drollinger
Cadet Michael Dwan
Cadet Darin Ford
Cadet Joseph Gomber
Cadet Lisa Gonzalo
Cadet Robert Gray
Cadet Sean Horton
Cadet David Leopold
Cadet Bernard Lynch
Cadet Harry Magazu
Cadet Andrew McLaughlin
Cadet Christopher Montana
Cadet Joseph Szuch
Cadet Victoria Szuch
Cadet Richard Ulley

Pacific Region

Cadet Ben Adams
Cadet Dan Fallas
Cadet Steve Gorski
Cadet Robert Hagberg
Cadet Mike Hudson
Cadet Andrew Ilgunas
Cadet Shannon Johnson
Cadet Matthew McDonnell
Cadet Neil Mody
Cadet Sean Monahan
Cadet Sean Mullen
Cadet Craig Narasaki
Cadet Thomas Polasek
Cadet Nick Roscha
Cadet Gregory Sawtell
Cadet Christopher Smith

Middle East Region

Cadet Marc Gonzalez
Cadet James Herrera
Cadet Lemont Humber
Cadet Eric Hutts
Cadet Dean Madonna
Cadet James McKinney
Cadet Jerry McKinney
Cadet Sonia McKinney
Cadet Tonia McKinney
Cadet Nicole Miller
Cadet Christopher Myers
Cadet Steven Pledgie
Cadet Amy Ruseell
Cadet Martin Saienni
Cadet Chris Tazelaar
Cadet Gordon Wilkie

Great Lakes Region

Cadet Richard Carlin
Cadet Seth Carriero
Cadet Nathan Childers
Cadet Barry Dowell
Cadet Christian Flowers
Cadet Robert Holmes
Cadet Wesley Jones
Cadet David Jordan
Cadet Travis Moore
Cadet Robert Prebeck
Cadet Jonathan Prell
Cadet Andrea Riggs
Cadet Jonathon Sension
Cadet Deborah Spina
Cadet Robert Storm
Cadet Billy Walls

1989 National Cadet Competition

SECOND PLACE



STANDARD DRILL -- Pacific Region Cadet Nick Roscha accepts Second Place Standard Drill Competition Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



IT'S A TIE -- Northeast Region Cadet Darin Ford and Southwest Region Cadet Clifton Bohn accept Second Place In-Ranks Inspection Awards for their teams from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell and Air Force Col. James Willoughby, deputy chief of staff training, National Headquarters Civil Air Patrol.



INNOVATIVE DRILL -- Middle East Region Cadet Jerry McKinney, accepts Second Place Innovative Drill Competition Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



MILE RUN -- Northeast Region Cadet Darin Ford accepts Second Place Mile Run Competition Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



VOLLEYBALL -- Middle East Region Cadet Jerry McKinney accepts Second Place Volleyball Competition Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



PANEL QUIZ -- Great Lakes Region Cadet Barry Dowell proudly accepts Second Place Panel Quiz Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.



WRITTEN EXAM -- Pacific Region Cadet Nick Roscha accepts Second Place Written Examination Competition Award for his team from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell.

Rocky Mountain Region

Cadet Justin Ashcroft
Cadet Cheryl Barker
Cadet Steve Browne
Cadet Thomas Bullock
Cadet Jared Luther
Cadet Danika Menlove
Cadet Scott Neely
Cadet Scott Ray
Cadet Mila Robinson
Cadet William Robinson
Cadet Logan Stanton
Cadet April Theisen
Cadet Cheryl Vanballegoie
Cadet Eric Weeks
Cadet Dylan Wood
Cadet Robert Wood

North Central Region

Cadet Norman Cannon
Cadet Jason Carda
Cadet Jonathan Carrison
Cadet Keith Fairbanks
Cadet Darcy Gibbons
Cadet Jay Jisak
Cadet Kyle Jorgensen
Cadet Heather Phinney
Cadet Michael Porter
Cadet Thomas Roose
Cadet Jonathan Ruwe
Cadet Matthew Ruwe
Cadet Sreven Trupp
Cadet Brett Vance
Cadet Joyce Webb
Cadet Robert Whelan

Southeast Region

Cadet Jon Carter
Cadet Kevin Christ
Cadet David Donado
Cadet Michael James
Cadet Eric Jordan
Cadet Elizabeth Kendrick
Cadet Anthony Lee
Cadet Mark Malan
Cadet Jose Mercado
Cadet Hector Morales
Cadet James Nash
Cadet Jeannie Naville
Cadet Randy Roberts
Cadet Chris Schneck
Cadet Tony Valentine
Cadet David Zimmerman

Southwest Region

Cadet Sandra Brannan
Cadet Clifton Bohn
Cadet Bradley Crawford
Cadet Scott Douglas
Cadet Paul Lambert
Cadet Bennet Lifland
Cadet Michael Messina
Cadet Chris Rubio
Cadet Robert Russell
Cadet Bryan Thacker
Cadet Jeremy Thompson
Cadet Brad Vawter
Cadet Andrew West
Cadet Mark White
Cadet Debra Whitney
Cadet Jon Whitson

1989 National Cadet Competition

SPECIAL AWARDS

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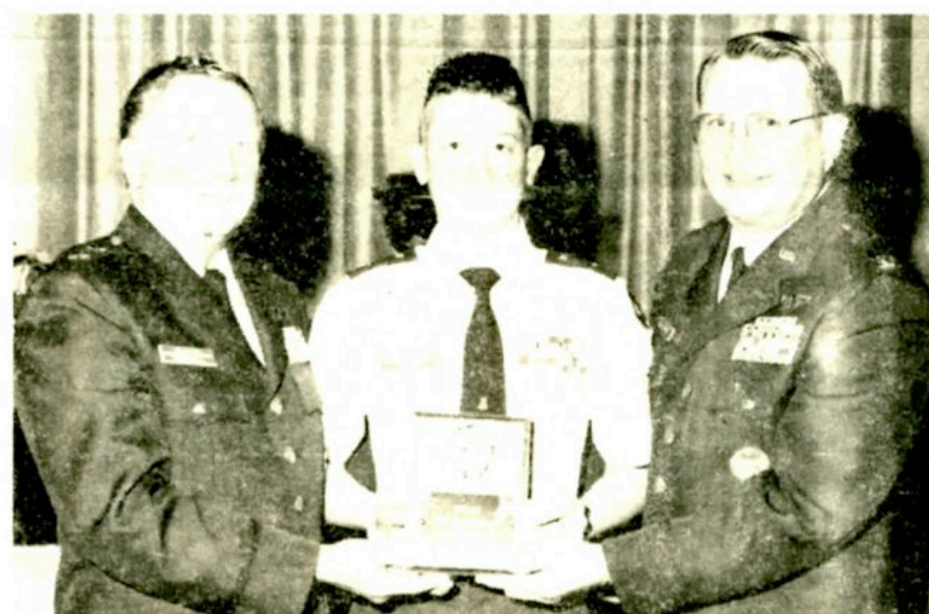


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SPECIAL TEAM AWARD -- Captain of Rocky Mountain Region's 1989 National Cadet Competition team, Cadet Jared Luther, proudly accepts the Special Team Award from Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell, and Air Force Col. James Willoughby, deputy chief of staff training, National Headquarters Civil Air Patrol.



OUTSTANDING CADET -- 1989's National Cadet Competitions' Outstanding Cadet Award winner, Cadet Barry Dowell, Great Lakes Region's Kentucky Wing, displays this coveted award with Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell and Air Force Col. James Willoughby, deputy chief of staff training, National Headquarters Civil Air Patrol.



HIGH SCORE AWARD -- New Jersey Wing Cadet Joseph Szuch, joins Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell, and Air Force Col. James Willoughby, deputy chief of staff training, National Headquarters Civil Air Patrol, in displaying the Written Examination High Score Award. Cadet Szuch scored an "unprecedented" 100 percent on the Written Exam portion of 1989's National Cadet Competition.



FLEET FOOT AWARD -- Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell and Air Force Col. James Willoughby present 1989's National Cadet Competition Fleet Foot Award to Northeast Region Cadet Victoria Szuch. The New Jersey Wing Cadet earned the award with a time of six minutes flat in Mile Run Competition.



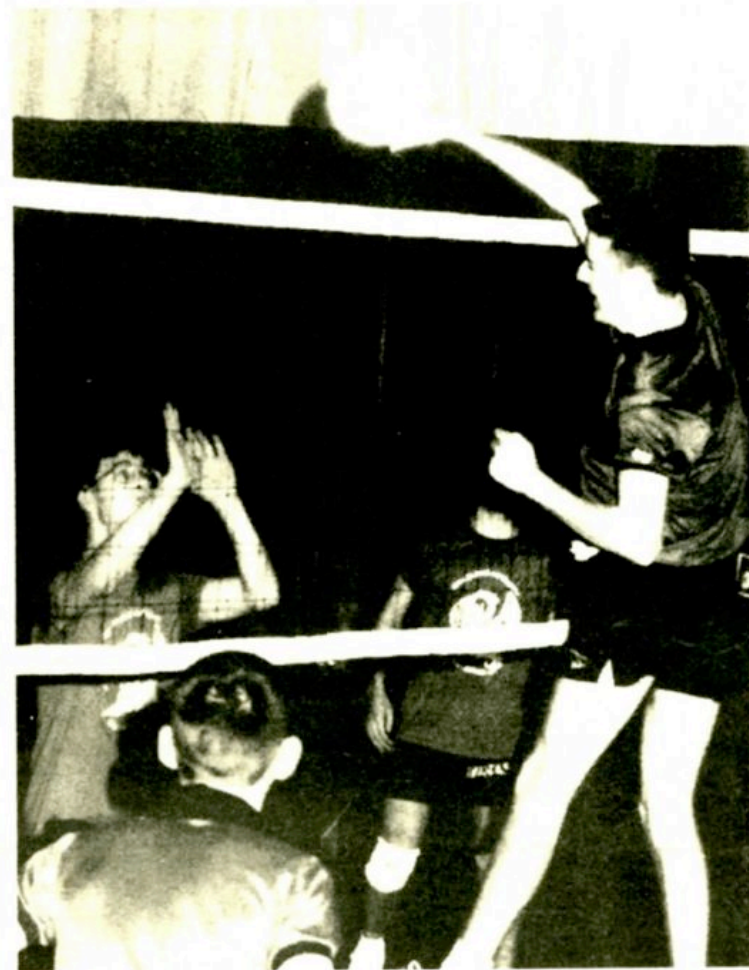
RECORD RUN -- California Wing's Cadet Nick Rocha, captain of Pacific Region's 1989 National Cadet Competition team, proudly displays his Fleet Foot Award earned when he set a new record of 4:31 in Mile Run Competition. Presenting the award are Civil Air Patrol National Commander, Maj. Gen. E. E. Harwell and Air Force Col. James Willoughby, deputy chief of staff training, National Headquarters Civil Air Patrol.

1989 National Cadet Competition

VOLLEYBALL



RULES REVIEW -- A referee from Maxwell Air Force Base's Morale Welfare and Recreation staff reviews volleyball rules and play instructions to volleyball team representatives, from left, Rocky Mountain Region's Cadet Jared Luther, North Central Region's Cadet Matthew Ruwe, Southeast Region's Cadet Mike Jones and Pacific Region's Cadet Nick Roscha.



SPIKE! -- Pacific Region's Nick Roscha reaches to spike the ball past North Central Region Cadet Matthew Ruwe.



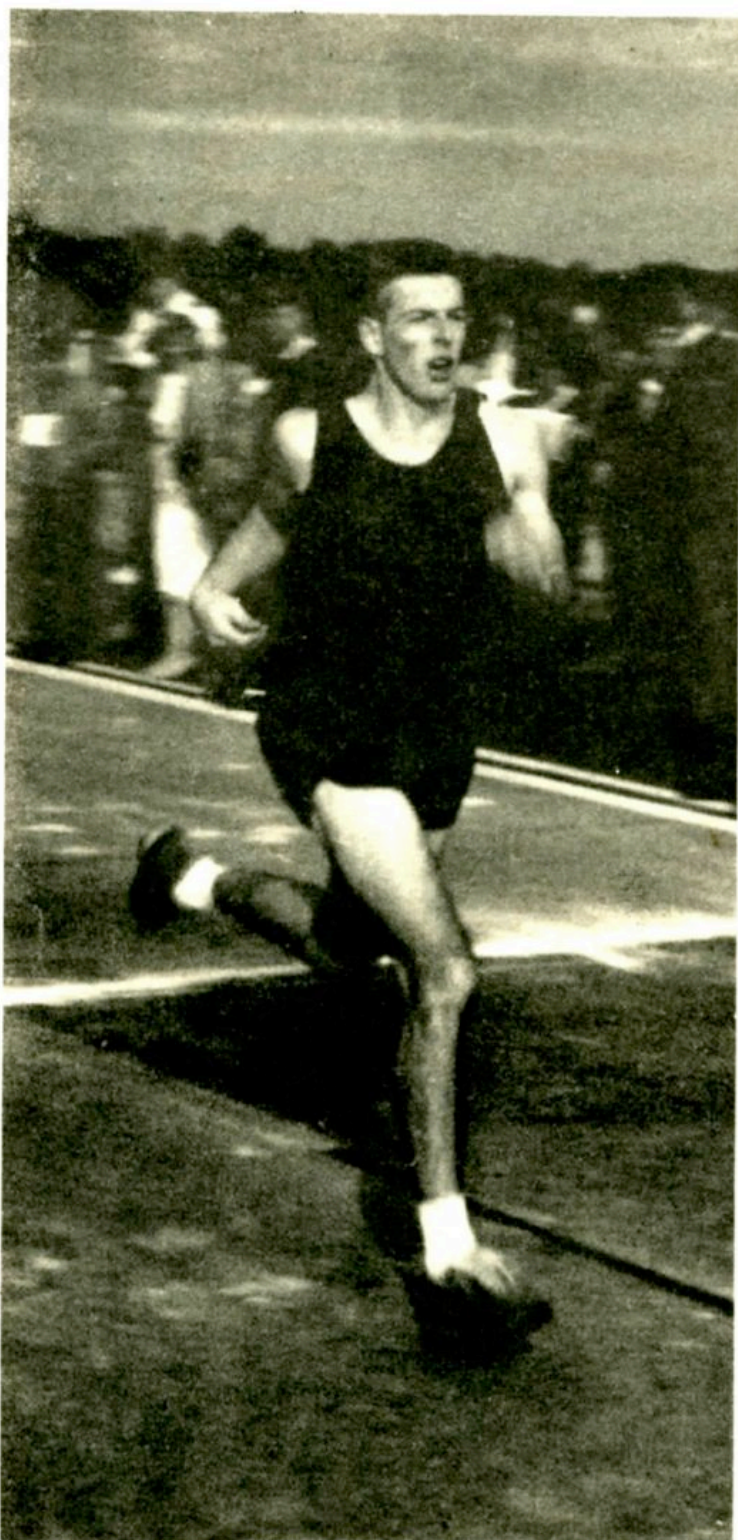
DEADLY TIP -- Matthew Ruwe, North Central Region, misses a block as Nick Roscha 'tips' the ball over the net for one of Pacific Region's wins in volleyball.



SPORTSMANSHIP -- Following a game between rivals North Central and Pacific Regions, all players shook hands congratulating each other on their outstanding play. Sportsmanship and camaraderie among all cadets was noteworthy throughout NCC '89.

1989 National Cadet Competition

MILE RUN



RECORD FINISH -- Cadet Nick Roscha, Pacific Region's California Wing, crosses the finish line for the Mile Run setting a new National Cadet Competition record. The old record of 4:32 was beaten by Cadet Roscha's time of 4:31.



MARCHING IN -- Team members from Texas Wing, representing Southwest Region at 1989's National Cadet Competition, march to the starting line for Mile Run Competition.



PRE-RACE BRIEFING -- Air Force Reserve Lt. Col. Jim Wade, reserve director of this year's National Cadet Competition, briefs runners on the route they will take in Mile Run Competition.



HELPING HANDS -- North Central Region cadets gather to support teammate Joyce Webb as she finishes the Mile Run. Sportsmanship and camaraderie among all competitors was noteworthy.



HEALTHY DRINK -- This North Central Region competitor takes a long draught of fluid to replenish what he lost during Mile Run competition.

Historical Notes . . .

MAXWELL AFB, Ala. -- Criteria and procedures for awarding Civil Air Patrol Silver and Bronze Medals of Valor are prescribed by Civil Air Patrol Regulation 39-3. This regulation also illustrates the medals. From this source, a curious reader can learn about these two high-level awards as they are now used.

But what about their history?

In its January 1956 meeting, Civil Air Patrol's National Executive Board decided there should be an award given for "outright heroism."

Prior, the Distinguished Service Award was given for both heroic and meritorious acts. As a result of NEB's action Civil Air Patrol's Medal of Valor

was created as Civil Air Patrol's "top" decoration.

When Civil Air Patrol's NEB met again in May 1956, they considered previously submitted designs, illustrated with this article. (Below right) In this meeting it was decided to use sketch number one as a bronze colored star with a silver disc and red propeller. The ribbon was to have alternating red, white and blue stripes.

This design was submitted July 2, 1956 to the Heraldic Branch, Office of the Quartermaster General, Department of the Army for approval. Because of its striking similarity to the United States Army's Silver Star, the submitted design was not approved.

As a result, Heraldic Branch submitted several sketches for NEB consideration at its February 1957 meeting. At that time, the medal design, as we now know it, was selected. However, it should be noted that it was planned to award the medal only as a bronze one.

For the first time, Civil Air Patrol Regulation 35-4 dated March 1, 1957 prescribed awarding Civil Air Patrol's Medal of Valor.

In their meeting May 9, 1957, Civil Air Patrol's NEB authorized purchase of 12 Medals of Valor at a cost of \$40 each.

NEB officials authorized awarding the first Civil Air Patrol Medal of Valor during its November 1959

meeting. This first-time award was presented to Cadet Johnny Cleo Barton, Lake Charles Louisiana Cadet Squadron, for heroic action on April 19, 1959.

In order to satisfy an apparent need for more than one Medal of Valor, Civil Air Patrol's NEB decided during its April 1960 meeting to authorize the Medal of Valor in two grades, the Silver Medal of Valor and the Bronze Medal of Valor. These are the two types as we now know them.

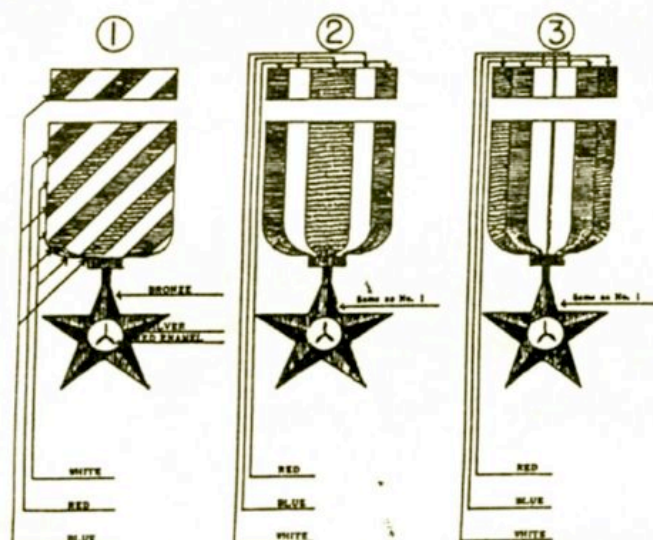
As a matter of information, to date, 86 Silver Medals of Valor and 241 Bronze Medals of Valor have been awarded to heroic members of Civil Air Patrol.

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Exemptions can mean tax savings

By Tom Handley
corporate legal counsel
Civil Air Patrol

MAXWELL AFB, Ala. -- Filing time for 1989 federal income tax returns is near. This article is intended to explain how Civil Air Patrol related expenses may be used on individual tax returns.

Civil Air Patrol is a federally chartered, non-profit corporation which, since 1947, has qualified as tax exempt under Section 501(c) (3) of the Internal Revenue Service Code. Even after 1986's "tax reform" legislation, certain expenses incurred during Civil Air Patrol membership can still be deducted under the "charitable contributions" section of IRS Form 1040.

There are a couple of changes in the 1986 tax code that affect Civil Air Patrol deductions. One change under the code was to eliminate charitable contributions/deductions if you file the short form, 1040EZ. In other words, a member must itemize deductions on his or her federal return to take advantage of Civil Air Patrol deductions.

The following is a listing and discussion of normal Civil Air Patrol expenses members can deduct as a "charitable contribution."

■ Dues and other financial donations to Civil Air Patrol;

■ The cost of Civil Air Patrol uniforms and insignia;

■ Unreimbursed overnight travel expenses away from home on a Civil Air Patrol activity, including hotel, motel and meal expenses.

NOTE: The Tax Reform Act of 1986 specifies that for tax year 1987 and thereafter no charitable contribution deduction will be allowed (for Civil Air Patrol and other similar organizations) for travel expenses, including motel and hotel and meals, incurred in performance of services away from home, unless there is no significant element of personal pleasure, recreation or vacation included in the travel. How that will be interpreted and applied by IRS remains to be seen. It is clear, when members incur overnight expenses for Civil Air Patrol, they should keep a record which clearly indicates it was all Civil Air Patrol business. That is particularly important for Civil Air Patrol conferences.

AIRCRAFT OPERATING EXPENSES

Unreimbursed out-of-pocket fuel, oil, maintenance and repair costs may be deducted provided those expenses were incurred on authorized Civil Air Patrol flight activities. Keep good records. Also obtain copies of Civil Air Patrol Form 99, flight release document. Remember, member owned aircraft are not authorized pure proficiency flights under Civil Air Patrol Regulation 60-1.

Those identified out-of-pocket expenses are deductible provided the flight is authorized under Civil Air Patrol Regulation 60-1. Members may not deduct pro-rata charges such as depreciation and insurance costs. The expenses that are deductible have to be unreimbursed out-of-pocket type expenses.

IRS Revenue Ruling 58-279 specifically authorizes these Civil Air Patrol aircraft out-of-pocket expense deductions.

VEHICLES

The same IRS revenue ruling covers out-of-pocket expenses incurred in the use of vehicles. The rules are the same. A member may deduct unreimbursed out-of-pocket expenses in the operation of vehicles on Civil Air Patrol activities. A member may not deduct indirect costs such as depreciation and insurance. In lieu of the out-of-pocket expenses, a member may deduct 12 cents per mile for the use of privately owned vehicles on Civil Air Patrol activities, plus parking and tolls.

AUDIT PROBLEMS AND GRAY AREA DEDUCTIONS

From time to time, Civil Air Patrol's corporate legal counsel receives calls from members who are being audited. The member's lack of records is one of the most frequent difficulties with an IRS audit.

Another difficulty is a lack of familiarity with Civil Air Patrol by an IRS auditor. The Civil Air Patrol corporate legal counsel may be able to help with the second problem and provide copies of appropriate revenue rulings.

NON-DEDUCTIBLE ITEMS

Things clearly not deductible as charitable contributions to Civil Air

Patrol include:

■ The value of personal services to Civil Air Patrol or other charitable organizations;

■ Damage to or loss of an aircraft or vehicle or other property used for Civil Air Patrol purposes; and

■ Medical expenses incurred on Civil Air Patrol activities.

The damage and medical expenses however, may be deducted on other parts of the IRS Form 1040 but not as a donation to Civil Air Patrol.

Tax Information

- Civil Air Patrol's aviation fuel tax exemption 63830060-YF
- National headquarters federal tax identification (EIN) .. 75-603-6171
- Region and wing federal tax identification (EIN) 53-601-6171

Civil Air Patrol is federally tax exempt under 501 (c) (3) of the Internal Revenue Service Code. Refer to IRS Cumulative Publication 78.

Insurance Information

All commercial policies for Civil Air Patrol's national insurance program are issued through the following agents: (For all certificates of insurance)

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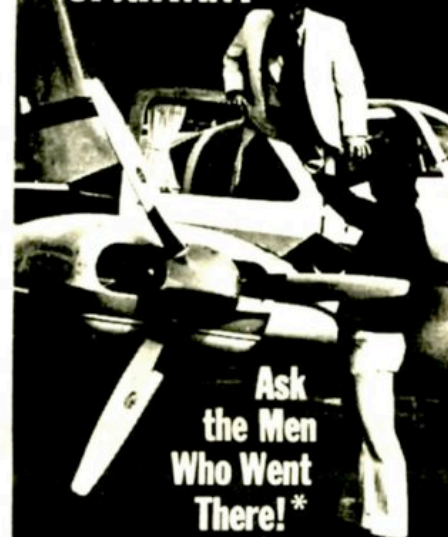


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People . . . in the News



F-4 PHANTOM JET ORIENTATION FLIGHT -- Cadets Leonard McCoy, left, and Chris Kerr, Muscle Shoals Composite Squadron, Alabama Wing, stand-by ready for an orientation flight aboard an F-4 Phantom Jet. The two were awarded the flight in recognition of their outstanding performances during Alabama Wing's 1989 spring and summer encampments. Flights were provided by Alabama Air National Guard pilots Lt. Cols. Virgil Page and Richard Bailey, 106th Tactical Reconnaissance Squadron. (Civil Air Patrol Photo courtesy Alabama Wing)

By Kitty Battistella
CAP-USAF public affairs

Southeast Region

Albany Composite Squadron, Georgia Wing, recognized five senior members, six cadets, two South Georgia businesses and the City of Albany, Ga., during its annual banquet. Capt. Ahmad Majied was selected Senior Member of the Year and 1st Lt. Mark Williams was chosen Pilot of the Year. Cadet of the Year is Gerald Mosley. Other members honored include Lt. Col. Marl McCracken, Capt. William Ben Jackson and 1st Lt. George Stevens. Dr. Mahasin Majied was selected as Cadet Parent of the Year. Cadets W. Karriem Mustageem-G, Robert Rodriguez and Omega Hall were also recognized for their achievements in 1989.

Five **Tuscaloosa Composite Squadron** members, **Alabama Wing**, assisted University of Alabama's Flying Club recently when they hosted a National Intercollegiate Flying Association Regional Safety and Evaluation Conference in Tuscaloosa, Ala. Pilots from Miami-Dade Community College, St. Petersburg Jr. College, Embry-Riddle Aeronautical University, Alabama Aviation and Technical College, Auburn University and the University of Alabama competed in navigation and message drop contests. **Civil Air Patrol** members served as check pilots, safety inspectors and judges.

Tuscaloosa Composite Squadron participants included Lt. Cols. James Hughes and Bruce Stevens, Maj. James Ramage, and 1st Lts. Richard Edgar and Dennis South.

Puerto Rico Wing recently completed a three-day Air Force inspection. During the inspection, two days were dedicated to simulated disaster exercises which utilized

four aircraft, six pilots, eight observers and approximately 70 ground team personnel. Inspection team members from Puerto Rico Wing included USAF-CAP Liaison Officer Air Force Capt. Jose Raices, Air Force MSgt. Robert Mercado and Region Director of Aerospace Education, Stephen D. Williams.

Sumner County Cadet Squadron members, **Tennessee Wing**, recently conducted a "roadblock" fund-raiser in Gallatin, Tenn. Senior members, cadets and parents collected more than \$1,000. According to Cadet Amanda Stubblefield, monies will be used to help defray the squadron's annual expenses.

Cadet James Butler, **Sumner County Cadet Squadron**, was recognized as Cadet of the Year during **Tennessee Wing's, Group III's** recent award banquet. Capt. Nicholas Altstadt was chosen as Senior Member of the Year and **Lebanon Composite Squadron** was selected to receive Tennessee Wing's Squadron of the Year Award.

Middle East Region

Dover Cadet Squadron member, Capt. Gerald K. Patton, Jr., **Delaware Wing**, won the Air Force's 1989 Military Airlift Command Print Media Contest in editorial category. Captain Patton is an active duty Air Force master sergeant, stationed at Dover AFB, Del., and serves **Civil Air Patrol** as **Dover Cadet Squadron's** administrative officer.

North Carolina Wing's 1989 Conference was conducted recently at Wilmington, N.C. Awards and special recognition were given to individuals and squadrons during the General Assembly by **Civil Air Patrol** National Commander, Maj. Gen. E.E.

Harwell, **Middle East Region** Commander, Col. David R. Ellsworth and **North Carolina Wing** Commander, Lt. Col. Dwight Wheless.

Members of **Cabarrus Composite** and **111th Search and Rescue Composite Squadrons, North Carolina Wing**, teamed up to provide flight line security and crowd control during a recent Stanly County Air Show in Albemarle, N.C. **Civil Air Patrol** personnel helped direct radio communications with Air National Guard and Airport Authority officials. **Cabarrus Composite Squadron** participants included Capt. James Summey, Chaplain (1st Lt.) James Polk, 1st Lt. Bryan Campbell, Cadets John Almond, Donald Folk, Jake Furr, Amon Hall, Chris Hall, Jessica Miller, David Palazzo, Jeff White and Ricky Wilson. **111th Search and Rescue Composite Squadron** attendees were Capt. Ed Lewis and Randy Roberts and Cadets Diane Beers, Randy Parrish, Derwin Phillips and Stacey Swiegard. **Group IV** representatives included Maj. Sharon Allen and Capt. Mel Preston.

Cabarrus Composite Squadron, North Carolina Wing, recently hosted an Emergency Services Training Exercise near Mt. Pleasant, N.C. Training included basic survival, first aid, use of compass and maps, ground search techniques and mission safety. Participants included Cadets Donald Folk, David Palazzo, Chris Hall, Ricky Wilson, Jessica Miller, Jake Furr and John Almond, **Cabarrus Composite Squadron. Gastonia Composite Squadron** members

included Senior Member Phyllis May and Cadets Michael Cockerham, Greg Root, Jayanthi Jambulingal and Michael Ernst. Instructors were **Cabarrus Composite Squadron** members Capt. Robert Fox, 1st Lt. Bryan Campbell, 2nd Lt. Michael Roberts and Cadet Chris Hall.

WOLO-TV spotlighted a recent emergency services encampment conducted by **South Carolina Wing**. This encampment was conducted for three weekends featuring training required for ground teams. News Reporter, John Gasque, WOLO-TV, visited for several hours interviewing **Civil Air Patrol** participants during the last weekend which was conducted at **South Carolina Wing Headquarters**. The news story was aired during a local 6 p.m. broadcast.

Lexington Composite Squadron representatives, **South Carolina Wing**, were guests for 30-minutes on the "Andy Thomas Show" on local TV WVOC. Lt. Col. Amanda Anderson, deputy squadron commander, and 1st Lt. Edward Rivers, cadet commander, answered questions and discussed **Civil Air Patrol's** history and its missions today. Lieutenant Rivers spoke about **Lexington Composite Squadron** activities and programs. The "Andy Thomas Show" is a morning talk show which includes a variety of local topics of interest. South Carolina Governor, Carroll A. Campbell, declared **Civil Air Patrol** Week in celebration of the organization's 48th anniversary.

Fairfax Composite Squadron members, **Vir-**

ginia Wing, joined with Fairfax County Police Helicopter unit officials in a recent simulated search and rescue mission at Fairfax County Landfill site. Mission Coordinator, Lt. Col. Frank Lerche, commented that the exercise was helpful in providing an opportunity to improve skills and renew joint commitments to save lives.

More than 15 **Virginia Wing** members from **Prince William Composite** and **Springfield Senior Squadrons**, participated in a recent search and rescue mission for a Beechcraft Baron that crashed near Manassas Airport. The pilot was killed in the crash.

First on scene was Lt. Col. Bob Balance and Capt. Wayne Jackson, **Prince William Composite Squadron**, and Ed Buan from **Fort Royal Composite Squadron**. 1st Lts. Linda Utting and Eric Vidabor, **Prince William Composite Squadron** and Capt. Tom Lemmon, **Virginia Wing**, maintained the operations center, setting up and alerting other **Civil Air Patrol** members of the crash. Cadets and senior members stayed throughout the night, providing security and marking wreckage in the area for local and state officials. Lt. Col. Dick Hague, **Group 3** commander, served as mission coordinator.

Northeast Region

Charles K. Hamilton Composite Squadron members, **Connecticut Wing**, attended a recent Federal Aviation Administration seminar at Robertson Airport, Plain-

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EVACUATION -- Fairfax Composite Squadron cadets, Virginia Wing, assist Fairfax County Police Helicopter Unit personnel as they evacuate a simulated "injured victim" during a recent joint practice mission at Fairfax County landfill site. (Civil Air Patrol Photo by Cadet Joseph M. Flaig)

People . . . in the News



PROCLAMATION -- Mayor of Buffalo, N.Y., James Griffin, left, presents Buffalo Cadet Squadron Commander, Capt. Kirk Beck, a proclamation designating the first week of December as Civil Air Patrol Week in Buffalo, N.Y. (Civil Air Patrol Photo by Lisa Scibetta, Buffalo Cadet Squadron, New York Wing)

(Continued from Page 19)
ville, Conn. According to Assistant Public Affairs Officer, Capt. Neal Supranovich, **Civil Air Patrol** members addressed seminar participants about **Civil Air Patrol's** role in locating Emergency Locator Transmitter signals.

Medical teams from **Charles K. Hamilton Composite Squadron** responded to a recent request from a local chapter of the American Red Cross for assistance in a public training campaign. Cardiopulmonary resuscitation and emergency medical team instructors were needed. The squadron's emergency medical team members, Capt. Neal Supranovich, 1st Lt. Janice Mihalak and Cadet Joseph Mihalak, responded to the request.

Four members of **399th Composite Squadron, Connecticut Wing**, were recently recognized for achievements. Cadets Tara Green and Charles Hickey were nominated to the U.S. Air Force Academy by U.S. Senator, Joseph Lieberman, (D), Conn. Air Force Lt. Col. Francis Stratford received pilot's wings as a flight surgeon and Air Force A1C Douglas Mitchell graduated from technical school for Air Force firefighters. Cadet Hickey also received his private pilot's license.

Buffalo, N.Y. Mayor, James Griffin, presented Capt. Kirk Beck, **Buffalo Cadet Squadron** commander, a proclamation designating the first week of December as **Civil Air Patrol Week**. The presentation was conducted in the Mayor's office in Buffalo City Hall. Attendees included **Buffalo Cadet Squadron** Deputy Commander, Capt. Arthur Wozniak, Capt. Dave

Albanese and Senior Member George Barton. Also, County Executive, Dennis Gorski, declared **Civil Air Patrol Week** in Erie County, N.Y.

New York Congressman, Thomas J. Downey (D), recently presented **Suffolk Cadet Squadron, New York Wing**, with an American Flag that had flown over the Nation's Capitol. The flag will be used by the squadron's color guard.

More than 40 cadets and senior members of **Group 10, Pennsylvania Wing**, according to Maj. William Weber, were recently awarded Certificates of Completion from Philadelphia Fire School, conducted at Philadelphia International Airport. Training focused on several types of fires.

Pennsylvania Governor, Robert P. Casey, proclaimed Nov. 26-Dec. 2, 1989 as **Civil Air Patrol Week** in Pennsylvania. Ceremonies were conducted at the state capitol in Harrisburg, Pa., and were coordinated by **Pennsylvania Wing** Commander, Col. Raymond F. Schuler, and State Senator, Edwin G. Holl. Senator Holl is also a colonel in **Civil Air Patrol**.

York Composite Squadron Commander, 1st Lt. Billy All, **Pennsylvania Wing**, and Pennsylvania Air National Guard Deputy Adjutant, Brig. Gen. Robert E. Harris, presented a plaque to Don Richmond, General Manager of York Aero, Inc., during a recent air show celebrating York Airport's 50th anniversary. The plaque expressed appreciation to airport officials for their support of **Civil Air Patrol**.

Great Lakes Region

Glenview Naval Air Station Composite Squadron's Capt. Mark Grasse and Senior Member Jim Dier, **Chicagoand Balloon Flight, Illinois Wing**, recently hosted a tour of Palwaukee Airport's facilities for sons and dads of Libertyville Boy Scout Troop 72. Discussion of basic physics of flight, effects of control surfaces, navigation and flight instruments and air space were emphasized to assist scouts in earning Aviation Merit Badges.

Cadets Kira Brickey, Tammy Egbert, Caroline King and Paul Raville, **Clinton-Scott Composite Squadron, Illinois Wing**, recently received orientation flights at Wood River, Ill. Cadets were passengers in Army UH-1 Huey helicopters.

Clinton-Scott Composite Squadron Cadets Bradley Schilling, Kevin Friers, Kevin Bowman, Randall Bowman, Kenneth Lease, Howard Layman and Paul Raville of the squadron's color guard opened a combined Senior Leadership School and Cadet Leadership Course conducted recently at Scott AFB, Ill.

A recent search and rescue training exercise was conducted by **Clinton-Scott Composite Squadron** at Lake Carlyle, Ill. Participants included Capt. Lewis, squadron commander; Maj. Allen Chilcote, emergency services officer; Cadets Kevin and Randall Bowman, Kenneth Lease, Howard Layman, Scott Jones, Caroline King and Tammy Egbert.



EXCELLENCE IN AVIATION EDUCATION AWARD -- Federal Aviation Administration Flight Standards District Officer for Minnesota, Andrew Detrol, right, presents Minnesota Wing Commander, Col. Alan K. Brandon, the FAA Administrator's Championship Award for Excellence in Aviation Education in the Youth Organizations Category. The award recognizes Minnesota Wing's role in preparing Minnesota's youth for the challenges of tomorrow. (Civil Air Patrol Photo courtesy Minnesota Wing)

Illinois Wing's Oak Lawn Composite Squadron cadets recently toured an Air Force Reserve unit at Chicago's O'Hare Airport. Air Force Reserve Capt. Bilinda Clearman, public affairs officer, 928th Tactical Airlift Group, arranged the tour. **Oak Lawn Composite Squadron** Commander, 1st Lt. Mary Ward, 2nd Lt. Robert Waichunas, public affairs officer and Cadets Dan Bly, John Kane and Jeff Nagy participated in the tour which was guided by Air Force SSgt. Christopher Costanzo. Upon arrival at the fire house, Randall Glaudel, a civilian fire fighter, explained rescue equipment, how it was

used and guided cadets on a tour of living quarters, control room and computerized equipment facilities. Last tour stop was the flight line to view a C-130 Hercules. Cadets walked through the cargo bay and inspected equipment aboard.

Allen County Cadet Squadron members, **Indiana Wing**, recently attended a two-day **Indiana Wing** land rescue training exercise conducted in Southern Indiana. Attendees included Mike Noffze, Sean Officer, Margaret Bertels, Gabrielle Neethling, Shane Pulvar, Jerrod Hutton, Matthew Crawford, (Continued on Page 21)



REWARD -- Cadet Joel Persinger, Siouxland Composite Squadron, Nebraska Wing, prepares to take off on an incentive flight in an A-7 jet fighter from the 185th Tactical Fighter Group, Iowa Air National Guard, in Sioux City. The flight recognizes Cadet Persinger's outstanding performance as first runner-up for the unit's Cadet of the Year Award. (Civil Air Patrol Photo courtesy Siouxland Composite Squadron, Nebraska Wing)

People . . . in the News



CERTIFICATE OF COMMENDATION -- Randolph J. Lanari, right, Minnesota Department of Public Safety, Division of Emergency Management, presents Minnesota Wing Commander, Col. Alan K. Brandon, left, and Maj. Bruce D. Sexton, Minnesota Wing director of emergency services, a Certificate of Commendation. This certificate was in recognition of the wing's effective response to various disaster and emergency situations in the state of Minnesota. (Civil Air Patrol Photo courtesy Minnesota Wing)

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Sarah Byran and Belinda Schroeder. Senior Member John Washington also attended. Training included first aid, night navigation, a compass course, emergency location equipment operation and usage and ground interrogation practice.

North Central Region

More than 80 **North Central Region** members attended **Iowa Wing's** 1989 Conference recently in Des Moines, Iowa. During the awards banquet, **Iowa Wing** Liaison Officer, Air Force Lt. Col. Don Cox, and **Iowa Wing** Commander, Col. Ramona Shaver, presented **Iowa Wing** Senior Member of the Year Awards to Lt. Cols. Clyde and Dorothy Bettsinger, **Red Oak Optimist Composite Squadron**. Maj. Monty Baker, **Estherville Composite Squadron**, received Squadron Senior Member of the Year Award. Iowa Squadron of the Year Award went to **Des Moines Composite Squadron**.

Mayor Bob Knight, Wichita, Kan., and County Commissioner, David Bayouth, proclaimed Dec. 1, **Civil Air Patrol** Day in Wichita and Sedgwick County, recognizing **Civil Air Patrol's** 48th anniversary.

Cadet Chip Coval, **Wichita Rescue Flight, Kansas Wing**, put first aid skills he was taught in **Civil Air Patrol** to good use recently and helped save the life of his friend, John Bryant. Bryant, working on an automobile engine, poured gasoline into the carburetor and a gasoline explosion oc-

curred, sending flames into his face and hair. Cadet Coval quickly wrapped a blanket around Bryant's head and extinguished the flames. Bryant was taken to a nearby medical center and was treated. Cadet Coval has been recommended for **Civil Air Patrol's** Lifesaving Award.

Minnesota Wing recently received a Certificate of Commendation from Randolph J. Lanari, Minnesota Department of Public Safety, Division of Emergency Management. The certificate recognized men and women of **Minnesota Wing** for their outstanding contributions to emergency response efforts during the flood of the Red River Valley in the spring of 1989, as well as their emergency services assistance during past years. Receiving the award for **Minnesota Wing** were **Minnesota Wing** Commander, Col. Alan K. Brandon, and **Minnesota Wing** Director Emergency Services, Maj. Bruce D. Sexton.

Federal Aviation Administration Flight Standards District Office Representative, Andrew Detroi, recently presented **Minnesota Wing** with the Department of Transportation's, Federal Aviation Administration Award. This award was for Excellence in Aviation Education, Category: Youth Organizations. Accepting on behalf of **Minnesota Wing** was **Minnesota Wing** Commander, Col. Alan K. Brandon.

Air Force evaluators of **Minnesota Wing's** 1989 search and rescue exercise rated the wing outstanding.

The exercise, conducted at Faribault, Minn., was attended by approximately 200 **Minnesota Wing** members and utilized 25 aircraft. The scenario incorporated a missing aircraft, lost Boy Scouts on a camping trip, and numerous Emergency Locator Transmitter signals in the southern part of the state. Mission Base was lead by Capt. Dale Hoiom, **Red Wing Composite Squadron** commander. Maj. Lynn Hegrenes served as operations officer.

Cadet Jonathan Banderman, **East Central Composite Squadron, Missouri Wing**, was recently awarded a **Missouri Wing** Cadet Solo Scholarship. One flight scholarship is awarded yearly by **Missouri Wing**. Cadet Banderman competed against **Civil Air Patrol** cadets throughout the state. The scholarship will allow Cadet Banderman to study for a single-engine aircraft license. **Civil Air Patrol** instructor will be Capt. Richard Steckel, Washington, Mo., with training at Washington Airport.

During **Missouri Wing's** **Northland Composite Squadron's** recent Open House, 1st Lt. Wesley R. Biggs was named unit Outstanding Senior Member of the Year. Lieutenant Biggs was presented a plaque by **Northland Composite Squadron** Commander, Capt. Floyd A. Baldwin. Lieutenant Biggs serves as the unit's director of public affairs. Cadet Angelia K. Beals was selected as unit Outstanding Cadet for 1989, also receiving her plaque from Captain Baldwin.

Senior Member Floyd Bau-

com, director of emergency services, and 1st Lt. Wesley R. Biggs, public affairs director, **Northland Composite Squadron, Missouri Wing**, recently attended a fundamentals course for radiological response teams.

Cadet Joel Persinger, **Siouxland Composite Squadron, Iowa Wing**, competed with 45 cadets recently for cadet of the year. Cadet Persinger was named First Runnerup and given an incentive ride in an Iowa Air National Guard A-7 jet from the 185th Tactical Fighter Group, Sioux City, Iowa.

Rocky Mountain Region

According to **Colorado Wing** Public Affairs Officer, Capt. Dieter Hantschel, 18 cadets from **Colorado Wing** attended a Squadron Leadership School recently at Lowry AFB, Denver, Colo. The Air Force supplied instructors from the base's Professional Military Education School.

Southwest Region

Yuma Cadet Squadron members, **Arizona Wing**, joined representatives from all branches of the armed forces and civilian members of the Yuma community in a recent celebration of Military Appreciation Days. The week-long celebration is sponsored by Yuma County's Chamber of Commerce. During the air show, **Yuma Cadet Squadron** cadets shared flightline space in the statics display with a B-1 bomber, an A-10 Thunderbolt, a C-5A Cargo Transport, an F-111, an AH-1 Cobra Attack Helicopter and a vintage 1936 Fairchild, among others.

Cadets displayed the squadron's Cessna T-41B and displayed their model rockets. 1st Lt. Bobby Mitchell, deputy commander, commented about the cadet's good job with their display and their enjoyment in being a part of the celebration.

Six **Chennault Cadet Squadron** cadets, **Louisiana Wing**, received orientation flights recently at New Orleans Lakefront Airport. **Billy Mitchell Senior Squadron**
(Continued on Page 22)



SOLO SCHOLARSHIP -- Cadet Jonathan Banderman, East Central Composite Squadron, Missouri Wing, recently received Missouri Wing's 1989 Cadet Solo Scholarship. The scholarship provides funds for Cadet Banderman to train in a single-engine aircraft. (Civil Air Patrol Photo courtesy Missouri Wing)

People . . . in the News



JOINT BLOOD DRIVE -- 1st Lt. Harry Biccum, Blacksheep Composite Squadron, Texas Wing, relaxes as a Wadley Blood Center technician draws the first pint of blood during a recent Blacksheep Composite Squadron and Wadley Blood Center, Dallas, Texas, joint blood drive. (Civil Air Patrol Photo courtesy Blacksheep Composite Squadron, Texas Wing)

(Continued from Page 21)

pilot, Carlton Dufrechou, briefed safety procedures and fundamentals of flight prior to flights. While airborne, cadets were briefed about air traffic control radio procedures and basic operation of T-41 aircraft in which they were passengers. Two cadets, Vittanna Gaines and William Schultz, were taking their first flight as part of *Civil Air Patrol's* Aerospace Education Program. Other cadets in attendance included Jerome Alexander, Trey Boulmay, Joel George and Troy Williams.

Members from five *Oklahoma Wing* squadrons were recently given a helicopter orientation flight by Army Aviation Support System in Lexington, Okla. Under the leadership of 1st Lt. Kenny Saller, *Mike Barr Composite Squadron*, Shawnee, Okla., *Civil Air Patrol* members were briefed about different aircraft and toured facilities. A class was conducted in packing a survival kit. Divided into three groups, members were given a 20-minute ride in a UH-60 helicopter.

Blacksheep Composite Squadron, Texas Wing, celebrated *Civil Air Patrol's* 48th anniversary by hosting a joint blood drive with Wadley Blood Center of Dallas. Among *Civil Air Patrol* members participating were 1st Lt. Harry Biccum and Cadet Bordy Youle.

Fort Bend Composite Squadron, Texas Wing, conducted a cardiopulmonary resuscitation class recently at Houston's Southwest Airport. Recipients of American Red Cross CPR certification cards included 1st Lt. Max Hays, Senior Members Louis Epper-

son, Walid Nasr, Jay Grantly and Cadets Louis Epperson III, Michael Hays and Cole Hendrick. The course was taught by Maj. Deborah McCrea and Capt. Celia McCrea, both registered nurses.

Texas Wing's San Angelo Composite Squadron Public Affairs Officer, 1st Lt. Terry Small, reports his unit was recently commended by Tom Green County Health Department for their volunteer service to a Commodity Food Distribution program. Squadron members have volunteered on Saturday mornings to prepare food packages for the past several years for more than 3,000 individuals.

Pacific Region

Milwaukie Cadet Squadron members, *Oregon Wing*, participated recently in a disaster relief exercise conducted in Molalla, Ore. Molalla police, fire and medical officials joined *Civil Air Patrol* participants in a scenario that included an aircraft crash at a local high school football stadium which injured several people. Cadet Anthony Hamilton was the "injured" pilot. Cadets also assisted with crowd and gate control during the exercise.

The 21st Annual *Pacific Region* Aerospace Education Conference conducted recently in Sacramento, Calif., brought together teachers, counselors, school administrators and *Civil Air Patrol* personnel, representatives of government and industry. Organized by Jule Zumwalt, director of aerospace education, *USAF-CAP Pacific Liaison Region*, the conference was attended by

more than 250 participants who were offered 45 various seminars. Many aerospace awards were presented to recipients by *Civil Air Patrol's* National Vice Commander, Brig. Gen. Warren J. Barry. Featured speaker was Astronaut, Dr. Loren Acton. Other speakers included Dr. H. Gene Little, chairman, Department of Aviation, San Jose State University, and former *Civil Air Patrol* cadet; Dr. Eleanor Wynne, University of California-Irvine; Bonnie Dalton, National Aeronautics and Space Administration; Dr. Morton A. Klotz (DR. ROCKET); and Professor Scott Norwood, San Jose State University.

During *Hawaii Wing's* celebration of *Civil Air Patrol's* 48th anniversary, congratulatory letters were received from Hawaii's U.S. Senators, Spark Matsunaga, and Daniel K. Inouye, and Honolulu's Mayor, Frank F. Fasi. Governor, John Waihee, proclaimed Dec. 1-7 as *Civil Air Patrol Week*, lauding *Civil Air Patrol's* dedication to the service of humanity and called upon all the islands to observe the occasion with appropriate ceremonies, honoring members of *Civil Air Patrol*.

Thirteen pilot members of *Kanuai Senior Squadron* recently completed the Federal Aviation Administration's pilot proficiency award program. Recipients of Phase II Wings included William Baisley, Matt Burns, Roger Caires, Michael Curtis, William Enoka, Dennis Esaki, James Jasper, Stephen Malama, Bob McCaig, William Neil Rapozo, Charles Sharp, William Staats and Ron Victorino.

Nevada Wing's Nellis Senior Squadron recently conducted a search and rescue mission at North Las Vegas



TEDDY BEARS -- Capt. Henry Pielage, commander of California Wing's Squadron 13, provides a Teddy Bear to Capt. Betty LaGuire for loading onto an aircraft to deliver bears to children left homeless by California's recent earthquake. Following the Oct. 17, 1989 quake, San Francisco's office of Community Planning and Development, U.S. Department of Housing and Urban Development, gathered bears and many other toys to provide them to children of families left homeless. Captains LaGuire and Pielage helped to transport and deliver the toys. (Civil Air Patrol Photo courtesy California Wing)

Airport. Six aircraft deployed, flying nine sorties. Ground and flying personnel numbered 26. Man-hours totaled 377, with 12.4 flying hours. Targets for the exercise were in Lake Mead and Mount Charleston areas. Maj. Lewis Dayton congratulated Lt. Col. Henry H. Caldwell, mission coordinator, and participating squadron members for

their proficiency and professionalism in flying and ground operations.

At a recent commissioners' meeting, Mayor Wade Byers, Gladstone, Ore., read and signed a Proclamation designating the first week of December as *Civil Air Patrol Week*, asking all citizens to honor and assist in the celebration.



AEROSPACE EDUCATION CONFERENCE -- Attending a recent Pacific Region Annual Aerospace Education Conference in Sacramento, Calif., are, from left, Civil Air Patrol's National Vice Commander, Brig. Gen. Warren J. Barry; Dr. Eleanor Wynne, a professor at the University of California-Irvine; and key speaker for the event, Dr. H. Gene Little, chairman of the Department of Aviation, San Jose State University, Calif. (Civil Air Patrol Photo courtesy McClellan Composite Squadron, California Wing)

Senior Awards

Gill Robb Wilson Award

Lt. Col. George E. Abernethy SER
Lt. Col. Kenneth Konitzer GLR
Capt. Michael D. Hoskins GLR
Lt. Col. Kerry R. North GLR
Maj. Ronald J. Peters GLR

Paul E. Garber Award

Maj. Ernest L. Ammerman PAC
Capt. Richard A. Beckwell MER
Maj. John J. Brownell GLR
Capt. David R. Buermann PAC
Maj. Richard W. Clifford SER
Capt. Leo F. Davis NER
Capt. David B. Flagg NCR
Capt. Joyce B. Gibbons SER
Maj. Joan H. Holler GLR
Capt. Walter C. McKinney SER
Capt. Raoul P. Richardson SER
Capt. Charles Sabados RMR
Maj. Leonard T. Scott Sr. PAC
Maj. James K. Sizer NCR
Maj. Lorraine A. Smith MER
Maj. Lawrence F. Space NER
Maj. Jerry D. Stuckie SER
Maj. Thomas B. Theis NCR

Grover Loening Aerospace Award

Capt. Luca F. Bencini-Tibo SER
Capt. Justin C. Berger NCR
1st Lt. Elizabeth J. Blackey PAC
Capt. Clark D. Cloukey GLR
Maj. John B. Copley PAC
Capt. John T. Daniels NCR
Capt. Pete C. Devoogdt PAC
Capt. Joseph E. Dudley GLR
Capt. Albert L. El NER
1st Lt. Duane S. Elfritt Jr. PAC
Capt. Jeanette F. Hargis RMR
1st Lt. John D. Hawkins RMR
1st Lt. George L. Henderson GLR
Capt. Stephen T. Heyer Sr. NER
Capt. Jeffery L. Hutchinson GLR
Maj. Douglas M. Johnson SER
1st Lt. Garry L. Krum PAC
Capt. Charles E. Lester GLR
Capt. Leslie E. Lewis GLR
Capt. Sarabjett S. Lohara PAC
1st Lt. David A. Martin SER
Capt. Michael L. Maurer NCR
Maj. Charles L. McElheny PAC
1st Lt. Glenn A. McKinney PAC
Maj. Victor A. Meyer SER
Capt. Donnie R. Miller PAC
1st Lt. Marcella J. Mizner NCR
1st Lt. Daniel P. Montgomery SER
Capt. John W. Nelson GLR
Lt. Col. Roger L. Owens NER
Capt. Eugene E. Packer RMR
Capt. Steven D. Palmquist NCR
Capt. David H. Polinger NER
Capt. Bonnie B. Quinby SER
Capt. Diane M. Raymond NER
Capt. Joseph Reynolds PAC
Capt. Donald J. Ronald NER
1st Lt. Nada B. Rudd NCR
1st Lt. Thomas P. Sanders Jr. SER
Capt. Robert A. Time SWR
Capt. Vaclav G. Ujick GLR
Capt. Eric D. Vander Linden NCR
Lt. Col. Cameron E. Warner PAC

Brigadier General Charles E. "Chuck" Yeager Aerospace Education Achievement Awards

Col. Herman H. Botie 31001
Lt. Col. William V. Darby, Jr. 02076
Lt. Col. Alden L. House 40001
Lt. Col. Michael E. Bozzi, Sr. 08060
Lt. Col. Earl J. Pilcher 08060
Lt. Col. Thomas L. Schmitt, Sr. 15001
Lt. Col. Robert L. Boucher 46028
Lt. Col. W. A. Hannah, Jr. 31214
Lt. Col. Julian F. Cottrell 18073
Lt. Col. Axel E. Altberg 01001
Lt. Col. Frances T. Carter 01001
Lt. Col. John T. Carter 01001
Lt. Col. Charles E. Barr 01001
Lt. Col. John W. Lawrence 01001
Lt. Col. Donald M. Barnard 01093
Lt. Col. Howard McGill 01001
USAF Lt. Col. Thomas E. Mrzena WA LO
Maj. Jeff R. Weimer 37015
Maj. Jeffrey Y. Sue 51020
Maj. Richard D. Kiker 11312
Maj. David G. Hutchison 11312
Maj. Ralph M. Hoffman 11271
Maj. Robert Washington 26001
Maj. William R. Lowery 26058
Maj. Dwaine A. Kremer 02094
Maj. Irving Manin 31207
Maj. Thomas S. Cushing 31214
Maj. Carol H. Kline 31214
Maj. Ralph V. Cocchiola 31214
Maj. Eugene L. Mitcham, III 01059
Maj. Keith G. Hodgins, Jr. 01059
Capt. Robert P. Seymour 64271
Capt. Julie R. Plummer 13083
Capt. Lynne S. Kiker 11312
Capt. Fred H. Wujek 11284
Capt. Herbert E. French 11312
Capt. Harvey R. Young 11312
Capt. Frederick J. Penman, Sr. 11304
Capt. Kenneth B. Smith 26068
Capt. Joseph D. Blankenship 26001
Capt. William R. Reid, Jr. 26073
Capt. Kenneth A. Hawthorn 29001
Capt. Frank H. Clark 02064
Capt. Harold W. Patchin 40031
Capt. Dawn W. Pilcher 08019
Capt. Vicki L. Sherman 08060
Capt. Richard S. Pollok 15057
Capt. Jesse W. Purdy 15001
Capt. Leonard B. Bernstein 31207
Capt. John A. Valenti 31142
Capt. Terrance A. Hill 40058
Capt. Arthur J. Olson 30068
Capt. James B. Payne 30068
Capt. Nicholas C. McMahon 46062
Capt. Alex M. Dunn 46069
Capt. Marshall J. Ellis 46069
Capt. Lorraine S. McDonald 31001
Capt. Gilbert P. Fishman 31001
Capt. Bonnie B. Quinby 01032
Capt. Robert W. Irsk 01001
Capt. John P. Jones 01005
Capt. Samuel Cowell 01055
Capt. Dallas R. Blevins 01114
Capt. Robert T. Jacques 01059
Capt. Patricia H. Mitcham 01059
Capt. Richard L. Caudle 01001
Capt. Fritz E. Schell, Jr. 01106
Capt. Ove W. Jensen 01113
Capt. Edith S. Woodley 01059
Capt. Clyde R. West 01055
Capt. Kenneth R. Higdon 01024
1st Lt. Richard E. Nahas, II 13083
1st Lt. Kermit W. Willis 13081
1st Lt. Donna Guindon 38033
1st Lt. Donna L. Kennedy 11251
1st Lt. Charles L. Burchess, III 26058
1st Lt. Peter L. Buoneto 31207
1st Lt. George L. Findlay 31207
1st Lt. Scott Mahon 30068
1st Lt. Brenda K. Milleson 30068
1st Lt. Thomas L. Rogers 46090
1st Lt. Gerald J. Vincent 46049
1st Lt. Gary A. Coleman 23110
1st Lt. Daniel F. Hayes 18073
1st Lt. Bill Moman 01093
1st Lt. Dennis L. South 01024
1st Lt. William J. Hanks 01055
1st Lt. Jean M. Lawrence 01001
2nd Lt. Lauri Neal 37015
2nd Lt. Bartholomew Stavisky 37202
2nd Lt. John P. Jones 51028
2nd Lt. Margaret A. Jones 51028
2nd Lt. Dennis S. Fagerberg 11271
2nd Lt. Laster P. Olsen 26073
2nd Lt. Robert D. J. Ozog 34060
2nd Lt. Zigmund S. Zachowski 34077
2nd Lt. Clyde H. Cox 08210
2nd Lt. Charlotte K. Hudson 15057
2nd Lt. Ethel Haas 31207
2nd Lt. Carole L. Rogers 46090
2nd Lt. Jacqueline R. Trump 46049
2nd Lt. Daniel E. Boyle 18073
Jeri F. Webster 08210
Marcus A. Sims 08210
Francisco A. Gonzalez 08210
William M. Goodbee 08060
Rodolfo A. Dominguez 08210
Morgan L. Merrill 31207
Lea S. Singer 31207
Ronald Holtzman 31207
Estelle Kelem 31000
Harry L. Sidor 31142
Hannelore Fraser 31142
Ronald W. Scherl 40058
Teri L. Thomas 30068
Joe W. Davis 02073
William D. Cockburn 46021
Christine M. Rice 46021
Alvina R. Cockburn 46021
Kenneth V. Hollegreund 46049
Rebecca J. Pascoe 46049
Leila Fishman 31000
James O. Eggleston 18073
Kurt R. Enkenhus 18073
Barry J. Henry 01034
Anne G. Henry 01034

Decorations

Bronze Medal of Valor

Cadet Richard C. Parks, New Jersey Wing, Dec. 4, 1989.
Cadet Robert C. Lightcap Jr., New Jersey Wing, Dec. 4, 1989.

Distinguished Service Medal

Col. E. Woodrow Walton, First Bronze Clasp, Utah Wing, Nov. 28, 1989.
Col. Roger E. MacDonald, Colorado Wing, Nov. 22, 1989.

Obituaries

MAXWELL AFB, Ala. -- *Civil Air Patrol News* publishes the names, wings and dates of death concerning Civil Air Patrol members who've recently died. Death notices should be sent to the personnel section at national headquarters in accordance with Civil Air Patrol Regulation 35-2; or to National Headquarters Civil Air Patrol/HC Maxwell AFB, AL 36112-5572.

BARRETT, Ada R., Lt. Col., Maryland Wing, Dec. 7, 1989.
DERINGER, Theodore J., Maj., Florida Wing, Oct. 24, 1989.
ROEMISCH, Joseph L., Col., Vermont Wing, Aug. 17, 1989.
HAZELRIGG, James M., Col., West Virginia Wing, Dec. 16, 1989.
GREEN, Fred L., Kansas Wing, Nov. 30, 1989.
SMITH, Patsy R., 1st Lt., Texas Wing, June 20, 1989.

2nd Lt. Gerald J. Koellsted 01113
2nd Lt. Regina H. King 01032
2nd Lt. Glenn M. South 01024
Robert L. Klingenberg 37015
Donald J. Desfosses 38033
Kenneth C. Torres 51075
Richard H. Nagoshi 51020
Richard M. Rasay 51020
Warren W. Resquer 51020
Mark D. Wilson 51075
Tomomi N. Iwabuchi 51075
Tom F. Brusch 11251
Randy Wayne Ekleberry 11251
John B. Johnson 11251
Maria N. Taylor 11304
Pamela D. Stevens 11304
Albert L. Finch 11304
Roxann R. Muller 26073
Franz J. Muller 26073
Sally L. Person-Beck 26038
John W. Jorgenson 02073
Lee E. Vaughan 40053
Robert J. Vaughan 40053
Mary Lou Wintrod 40053
Jeri F. Webster 08210
Marcus A. Sims 08210
Francisco A. Gonzalez 08210
William M. Goodbee 08060
Rodolfo A. Dominguez 08210
Morgan L. Merrill 31207
Lea S. Singer 31207
Ronald Holtzman 31207
Estelle Kelem 31000
Harry L. Sidor 31142
Hannelore Fraser 31142
Ronald W. Scherl 40058
Teri L. Thomas 30068
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Christine M. Rice 46021
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Kenneth V. Hollegreund 46049
Rebecca J. Pascoe 46049
Leila Fishman 31000
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Telephone Number — Include Area Code () _____



MAXWELL AFB, Ala. -- The 23rd annual National Congress on Aviation and Space Education will be conducted at the Nuggett Hotel, Reno, Nev., March 22-24.

The congress is co-sponsored by Civil Air Patrol, Federal Aviation Administration and National Aeronautics and Space Administration.

The annual national congress serves as a forum for exchange of aerospace education ideas and teaching methods between educators across the nation, at all levels of teaching -- elementary school through college graduate level.

The 23rd congress unofficially begins with an evening reception and social March 21. The next day, a general assembly will call the congress to order. Air Force Lt. Gen. Donald J. Kutyna, commander, Air Force Space Command, and head of the National Aerospace Plane

Project, will be one of several speakers. Afterward, participants will enter "concurrent sessions."

March 23, educators and aerospace enthusiasts return to another general assembly and subsequent crosstalk and concurrent sessions. A formal congress banquet that evening will become the "hub" of attention as the eyes of the congress turn to the "Crown Circle Awards Ceremony."

A final congress general assembly will convene March 24, featuring such luminaries as retired Army Air Corps Col. Francis "Gabby" Gabreski, World War II ace; Mona Lear, Learjet Company; and retired Air Force Col. Steve Ritchie, Vietnam War ace. This will mark the finale of the nation's 1990 premier aerospace education event.

REGISTRATION

Geared primarily to Amer-

ica's educational community, advance congress registration costs \$60 per person through March 1. After March 1, participants will pay a \$65 registration fee. Registration fee provides for official sessions, transportation and congress banquet.

National congress site registration and check-in will begin March 21, in Reno, and display booths can be prepared for show.

Nuggett Hotel officials designated March 1 as the deadline for hotel reservations. The hotel offers single and double occupancy rooms for one price, \$60. The hotel cannot guarantee a reservation without a check or credit card guarantee for the deposit on a room. Nuggett Hotel policy dictates they must have 48-hours advance notice of a cancellation; otherwise, the first night's rate will be charged.

NSC deadline nears

MAXWELL AFB, Ala. -- The 1990 National Staff College will be conducted here June 16-24. Applications are due not later than April 15.

Students desiring to attend must submit National Staff College applications on Civil Air Patrol Form 17 through their unit, wing and region to

Civil Air Patrol National Headquarters Director, Senior Training Programs, National Headquarters, CAP/TTN, Maxwell AFB, AL 36112-5572.

Civil Air Patrol policy currently restricts NSC attendance to Civil Air Patrol officers holding the rank of major or above.

Unit searches for camper

BOYERTOWN, Pa. -- A ground search and rescue team from Gen. Carl A. Spaatz Composite Squadron here, spent a week recently searching for a mentally handicapped woman, missing from a nearby campground.

Hundreds of other volunteers from Pennsylvania, New York and New Jersey squadrons, searched shoulder-to-shoulder with National Guardsmen, fire companies, police, local volunteers and staffers from the camp the woman was attending.

Trained dogs were called in and helicopters were also used.

Civil Air Patrol volunteers from Boyertown, Reading, Whitehall and Allentown, Pa., also took part during the six-day search, centered in heavily wooded areas and swampy land.

So far, none of the leads have proved successful, and the woman is still missing.

The search team from Boyertown was led by 1st Lt. Donald W. Grill. He was assisted by 2nd Lts. Arthur M. Istenses and Christopher P. Kovich, and by Cadets Timothy F. Anders and John D. Mutter.

Utah unit busy flying

ST. GEORGE, Utah -- Three search and rescue and three Bureau of Land Management missions were successfully accomplished by St. George Composite Squadron recently, as well as a Level I Course and an Observer Course.

The first search mission was flown in conjunction with Washington County Sheriff's Search and Rescue ground unit, for an elderly couple missing overnight. Although they were in their camper and protected during the night, they had started out with their dog, a quart of water, two apples and a few cookies. When found, they were hungry, dehydrated, scared and extremely fatigued from trying to dig their vehicle out of deep sand, according to St. George Composite Squadron Public Affairs Officer, 1st Lt. Mary Barnes.

The second SAR mission was flown in support of the Garfield Utah Search and Rescue Team, which was searching for two hunters missing overnight in freezing weather in a snow-covered area. The Cedar City Squadron joined St. George members in the effort. Both squadrons were credited with a joint "find."

The third search mission was also flown in support of the Garfield SAR team. Cedar City and St. George units received high praise from the sheriff's team for their air support and communications coverage.

Lt. Col. Brad Barnes was mission coordinator for these missions. Capt. Gerald Timm, was mission coordinator

trainee, and 1st Lt. Mary Barnes was in charge of communications. St. George pilots were Lt. Col. Jim Corbett and 1st Lt. Jack Jeppson. Observers were 1st Lt. Louie Lundin and Senior Member, Gerald Newton.

Cedar City pilots were Maj. Larry Bell and 1st Lt. Paul Douglas. Lieutenants Ken Prince, Dave Lovell, Ray Congdon and McKay Nelson were observers.

HOTEL RESIGTRATION FORM (Please print or type.)

CONVENTION NAME: National Congress on Aviation and Space Education

NAME _____ C4SPACE4
C1SPACE

March 21-25, 1990

Name _____

Address _____

City/State/Zip _____

Arrival Date _____ Time _____ Departure Date _____

RATES: Hotel Tower \$60 Single or Double Check-In Time 2:00 p.m.

*Nugget Lodge \$40 Single or Double Check-Out Time 11:00 a.m.

*The Nugget Lodge is adjacent to the hotel and within walking distance.

Please circle requested accommodation.

If double, name of person joining: _____

All reservations are subject to state and local taxes (7%). A one-night's deposit per room is required to guarantee accommodations. All major credit cards are accepted. Deposit is refundable if room canceled at least 48 hours prior to arrival.

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DETACH AND MAIL DIRECTLY TO: NCASE, HQ CAP/ED · Maxwell AFB AL 36112-5572

CONGRESS '90 REGISTRATION FORM (Please print or type.)

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City _____ State _____ Zip Code _____

CONGRESS REGISTRATION FEE: Before March 1, 1990-\$60

After March 1, 1990, \$65

Fee includes all official sessions, special hotel rates, and Congress banquet.

Advance registration cutoff date is March 1, 1990; after March 1, plan to register at Congress site.

Money order or check, payable to NCASE, must accompany congress registration form.

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